

Occupational Wage Survey

MINNEAPOLIS-ST. PAUL, MINNESOTA

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* NOTE - Additional occupational earnings reports are available upon request for auto repair shops (May 1951), ferrous foundries (June 1951) and power laundries (May 1951).

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Introduction 1/

The Minneapolis-St. Paul area is 1 of 40 major labor markets in which the Bureau of Labor Statistics is currently conducting occupational wage surveys. Occupations that are common to a variety of manufacturing and nonmanufacturing industries were studied on a community-wide basis. Cross-industry methods of sampling were thus utilized in compiling earnings data for the following types of occupations: (a) office; (b) professional and technical; (c) maintenance and power plant; and (d) custodial, warehousing, and shipping. In presenting earnings information for such jobs (tables A-1 through A-4) separate data have been provided wherever possible for individual broad industry divisions. 2/

Occupations that are characteristic of particular, important, local industries were studied on an industry basis, within the framework of the community survey. Earnings data for these jobs have been presented in Series B tables. Union scales (Series C tables) are presented in lieu of (or supplementing) occupational earnings for several industries or trades in which the great majority of the workers are employed under terms of collective bargaining agreements, and the contract or minimum rates are indicative of prevailing pay practices.

Data were collected and summarized on shift operations and differentials, hours of work, and supplementary benefits such as vacation and sick leave allowances, paid holidays, non-production bonuses, and insurance and pension plans.

The Minneapolis - St. Paul Metropolitan Area

The Minneapolis-St. Paul Metropolitan Area (Anoka, Dakota, Hennepin, and Ramsey Counties) had an estimated population of 1,112,800 in 1950. It was, thus, the Nation's thirteenth largest metropolitan area. About three-fourths of the residents lived in Minneapolis or St. Paul. During the 1940 decade the population of the four-county area increased 18 percent. During the same period, the population of Minneapolis increased 6 percent and St. Paul, 8 percent.

1/ Prepared in the Bureau's regional office in Chicago, Ill., by Woodrow C. Linn, under the direction of George E. Votava, Regional Wage and Industrial Relations Analyst. The planning and central direction of the program was carried on in the Bureau's Division of Wages and Industrial Relations in Washington, D. C.

2/ The construction and extractive industries and government institutions were excluded from the study; see appendix for discussion of scope and method of survey.

Wage and salary workers in industry, commerce, and government in Minneapolis and St. Paul numbered approximately 406,400 in November 1951. An estimated 114,000 workers were employed in manufacturing plants. Slightly more than a fifth of all factory workers were employed in the machinery industry which produced such items as agricultural machinery and equipment, construction equipment, pumps, refrigeration and air conditioning equipment, and outboard motors. Other leading manufacturing industries included fabricated metal products; food and kindred products; paper, printing and publishing; textiles and apparel; and lumber and finished lumber products.

Located in the heart of the upper-midwestern agricultural region, the twin-cities area is also an important commercial, financial, and distribution center as indicated by the large number of workers employed in these activities. Wholesale and retail trade provided employment for 113,300 workers, and another 35,600 were employed by the various branches of the transportation industry, including railroads. Nearly 26,000 persons were employed in finance, insurance and real estate establishments at the time of the survey.

Building construction, although starting to show a seasonal decline in November, provided jobs for 23,000 workers. The service industries employed 44,000 persons in such diverse fields as automobile and other repair shops, laundries and cleaning establishments, hotels, theaters, radio and television stations, and business service establishments. Federal, State, and local government agencies reported employment of nearly 40,000 workers in the twin-cities area. Employment in public utilities totaled 11,000 in November.

Occupational Wage Structure

Wages and salaries of workers in the Minneapolis-St. Paul Metropolitan Area were affected by numerous formal wage increases between January 1950 - the base period for the Wage Stabilization Board's 10 percent "catch-up" wage increase formula - and the time of the study. These increases were much more numerous after the outbreak of hostilities in Korea than during the preceding 6 months. Nearly all the establishments studied had adjusted wage levels of plant workers at least once during the 22 months preceding the survey. The total amounts of these general wage increases varied greatly among establishments, ranging from less than 5 cents an hour to more than 25 cents. About two-fifths of the manufacturing plant workers had received hourly pay raises totaling 20 cents or more since January 1950. Wage-rate increases were somewhat smaller for workers in nonmanufacturing establishments.

Formal revisions of office workers' salaries were not as prevalent as were general increases for plant workers. The tendency among several of the larger companies was to grant similar wage increases to both plant and office workers. General wage increases of office workers lagged behind those granted to plant workers in other establishments, however, partly because of the practice of adjusting salaries of office workers on an individual basis.

Nearly 85 percent of the plant workers employed in the industries and establishment-size groups studied in the four-county area were employed in establishments having union agreements. About 9 of every 10 factory workers in manufacturing establishments were employed in union plants. In non-manufacturing industries, the proportion of nonoffice workers covered by union agreements ranged from less than 45 percent in financial institutions to virtually 100 percent in the transportation (except railroads), communication and public utilities group. Union contracts covered about four-fifths of the non-office workers in wholesale trade and the services industry, and approximately two-thirds in retail trade.

Unionization was far less extensive among office workers. Less than 10 percent of all office employees in the twin-cities area were employed under union agreement provisions. Only in the public utilities group of industries was there any appreciable degree of unionization among office workers; about half the office workers in this industry group were employed in establishments having union contract provisions covering office workers.

Wage rates for time-rated plant workers in a substantial majority of the establishments studied were patterned on the basis of formal wage structures. Plans providing a single rate for each time-rated job classification affected somewhat more plant workers than those specifying a range of rates for each job. Among the industry groups studied, single-rate plans were typical of nondurable goods manufacturing ^{2/}, wholesale trade, finance, and services. Rate range plans were more common in the durable goods, public utilities, and retail trade groups.

^{2/} See appendix table for listing of durable- and nondurable-goods industries.

Virtually all formal wage plans reported for office occupations provided a range of salaries. Few office workers were paid salaries based on single-rate plans, and nearly 45 percent were in establishments that determined salaries on an individual basis.

Piece-rate or bonus incentive payment plans covered about 15 percent of the plant workers in both durable and non-durable goods manufacturing establishments in the twin-cities area. They were either nonexistent or relatively insignificant among nonmanufacturing industries.

Established minimum entrance rates for hiring inexperienced plant workers were part of the formalized wage structures in a substantial majority of the firms studied. Entrance rates ranged from less than 75 cents to more than \$1.50 an hour. A \$1 or higher minimum was reported by establishments giving employment to more than a half of all plant workers.

Four-fifths of all women office workers were scheduled to work a 40-hour week in November 1951. Schedules of 40 hours were common for office workers in all industry groups except finance, insurance, and real estate. Over two-fifths of the workers in these offices were scheduled to work less than 40 hours.

More than 70 percent of all plant workers were working a regularly scheduled 40-hour week. Virtually all of the remaining workers were scheduled to work more than 40 hours.

A fifth of the factory workers in manufacturing plants in the twin-cities area were employed on second and third shifts in November. Almost all of these workers were paid shift differentials. In the nondurable-goods industries shift differential payments were usually expressed in cents-per-hour additions to day rates. In durable-goods plants, about the same number of workers were paid percentage differentials over day shift rates as were paid cents-per-hour differentials.

Wages and salaries of workers in manufacturing establishments were generally higher than those in nonmanufacturing. In 25 of 34 office classifications permitting comparison, average salaries in manufacturing industries exceeded those in non-manufacturing. Average wage rates for plant jobs studied in all industries were higher in manufacturing plants for 20 of 27 job categories for which comparisons were possible.

A: Cross-Industry Occupations

3.

Table A-1: Office Occupations

(Average straight-time weekly hours and earnings 1/ for selected occupations studied on an area basis in Minneapolis-St. Paul, Minn., by industry division, November 1951)

Sex, occupation, and industry division	Number of workers	AVERAGE		NUMBER OF WORKERS RECEIVING STRAIGHT-TIME WEEKLY EARNINGS OF--																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
		Weekly hours (Standard)	Weekly earnings (Standard)	\$ 27.50 and under	\$ 30.00	\$ 32.50	\$ 35.00	\$ 37.50	\$ 40.00	\$ 42.50	\$ 45.00	\$ 47.50	\$ 50.00	\$ 52.50	\$ 55.00	\$ 57.50	\$ 60.00	\$ 62.50	\$ 65.00	\$ 67.50	\$ 70.00	\$ 75.00	\$ 80.00	\$ 85.00	\$ 90.00	\$ 95.00	\$ 100.00 and over																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
				30.00	32.50	35.00	37.50	40.00	42.50	45.00	47.50	50.00	52.50	55.00	57.50	60.00	62.50	65.00	67.50	70.00	75.00	80.00	85.00	90.00	95.00	100.00	105.00	110.00	115.00	120.00	125.00	130.00	135.00	140.00	145.00	150.00	155.00	160.00	165.00	170.00	175.00	180.00	185.00	190.00	195.00	200.00	205.00	210.00	215.00	220.00	225.00	230.00	235.00	240.00	245.00	250.00	255.00	260.00	265.00	270.00	275.00	280.00	285.00	290.00	295.00	300.00	305.00	310.00	315.00	320.00	325.00	330.00	335.00	340.00	345.00	350.00	355.00	360.00	365.00	370.00	375.00	380.00	385.00	390.00	395.00	400.00	405.00	410.00	415.00	420.00	425.00	430.00	435.00	440.00	445.00	450.00	455.00	460.00	465.00	470.00	475.00	480.00	485.00	490.00	495.00	500.00	505.00	510.00	515.00	520.00	525.00	530.00	535.00	540.00	545.00	550.00	555.00	560.00	565.00	570.00	575.00	580.00	585.00	590.00	595.00	600.00	605.00	610.00	615.00	620.00	625.00	630.00	635.00	640.00	645.00	650.00	655.00	660.00	665.00	670.00	675.00	680.00	685.00	690.00	695.00	700.00	705.00	710.00	715.00	720.00	725.00	730.00	735.00	740.00	745.00	750.00	755.00	760.00	765.00	770.00	775.00	780.00	785.00	790.00	795.00	800.00	805.00	810.00	815.00	820.00	825.00	830.00	835.00	840.00	845.00	850.00	855.00	860.00	865.00	870.00	875.00	880.00	885.00	890.00	895.00	900.00	905.00	910.00	915.00	920.00	925.00	930.00	935.00	940.00	945.00	950.00	955.00	960.00	965.00	970.00	975.00	980.00	985.00	990.00	995.00	1000.00	1005.00	1010.00	1015.00	1020.00	1025.00	1030.00	1035.00	1040.00	1045.00	1050.00	1055.00	1060.00	1065.00	1070.00	1075.00	1080.00	1085.00	1090.00	1095.00	1100.00	1105.00	1110.00	1115.00	1120.00	1125.00	1130.00	1135.00	1140.00	1145.00	1150.00	1155.00	1160.00	1165.00	1170.00	1175.00	1180.00	1185.00	1190.00	1195.00	1200.00	1205.00	1210.00	1215.00	1220.00	1225.00	1230.00	1235.00	1240.00	1245.00	1250.00	1255.00	1260.00	1265.00	1270.00	1275.00	1280.00	1285.00	1290.00	1295.00	1300.00	1305.00	1310.00	1315.00	1320.00	1325.00	1330.00	1335.00	1340.00	1345.00	1350.00	1355.00	1360.00	1365.00	1370.00	1375.00	1380.00	1385.00	1390.00	1395.00	1400.00	1405.00	1410.00	1415.00	1420.00	1425.00	1430.00	1435.00	1440.00	1445.00	1450.00	1455.00	1460.00	1465.00	1470.00	1475.00	1480.00	1485.00	1490.00	1495.00	1500.00	1505.00	1510.00	1515.00	1520.00	1525.00	1530.00	1535.00	1540.00	1545.00	1550.00	1555.00	1560.00	1565.00	1570.00	1575.00	1580.00	1585.00	1590.00	1595.00	1600.00	1605.00	1610.00	1615.00	1620.00	1625.00	1630.00	1635.00	1640.00	1645.00	1650.00	1655.00	1660.00	1665.00	1670.00	1675.00	1680.00	1685.00	1690.00	1695.00	1700.00	1705.00	1710.00	1715.00	1720.00	1725.00	1730.00	1735.00	1740.00	1745.00	1750.00	1755.00	1760.00	1765.00	1770.00	1775.00	1780.00	1785.00	1790.00	1795.00	1800.00	1805.00	1810.00	1815.00	1820.00	1825.00	1830.00	1835.00	1840.00	1845.00	1850.00	1855.00	1860.00	1865.00	1870.00	1875.00	1880.00	1885.00	1890.00	1895.00	1900.00	1905.00	1910.00	1915.00	1920.00	1925.00	1930.00	1935.00	1940.00	1945.00	1950.00	1955.00	1960.00	1965.00	1970.00	1975.00	1980.00	1985.00	1990.00	1995.00	2000.00	2005.00	2010.00	2015.00	2020.00	2025.00	2030.00	2035.00	2040.00	2045.00	2050.00	2055.00	2060.00	2065.00	2070.00	2075.00	2080.00	2085.00	2090.00	2095.00	2100.00	2105.00	2110.00	2115.00	2120.00	2125.00	2130.00	2135.00	2140.00	2145.00	2150.00	2155.00	2160.00	2165.00	2170.00	2175.00	2180.00	2185.00	2190.00	2195.00	2200.00	2205.00	2210.00	2215.00	2220.00	2225.00	2230.00	2235.00	2240.00	2245.00	2250.00	2255.00	2260.00	2265.00	2270.00	2275.00	2280.00	2285.00	2290.00	2295.00	2300.00	2305.00	2310.00	2315.00	2320.00	2325.00	2330.00	2335.00	2340.00	2345.00	2350.00	2355.00	2360.00	2365.00	2370.00	2375.00	2380.00	2385.00	2390.00	2395.00	2400.00	2405.00	2410.00	2415.00	2420.00	2425.00	2430.00	2435.00	2440.00	2445.00	2450.00	2455.00	2460.00	2465.00	2470.00	2475.00	2480.00	2485.00	2490.00	2495.00	2500.00	2505.00	2510.00	2515.00	2520.00	2525.00	2530.00	2535.00	2540.00	2545.00	2550.00	2555.00	2560.00	2565.00	2570.00	2575.00	2580.00	2585.00	2590.00	2595.00	2600.00	2605.00	2610.00	2615.00	2620.00	2625.00	2630.00	2635.00	2640.00	2645.00	2650.00	2655.00	2660.00	2665.00	2670.00	2675.00	2680.00	2685.00	2690.00	2695.00	2700.00	2705.00	2710.00	2715.00	2720.00	2725.00	2730.00	2735.00	2740.00	2745.00	2750.00	2755.00	2760.00	2765.00	2770.00	2775.00	2780.00	2785.00	2790.00	2795.00	2800.00	2805.00	2810.00	2815.00	2820.00	2825.00	2830.00	2835.00	2840.00	2845.00	2850.00	2855.00	2860.00	2865.00	2870.00	2875.00	2880.00	2885.00	2890.00	2895.00	2900.00	2905.00	2910.00	2915.00	2920.00	2925.00	2930.00	2935.00	2940.00	2945.00	2950.00	2955.00	2960.00	2965.00	2970.00	2975.00	2980.00	2985.00	2990.00	2995.00	3000.00	3005.00	3010.00	3015.00	3020.00	3025.00	3030.00	3035.00	3040.00	3045.00	3050.00	3055.00	3060.00	3065.00	3070.00	3075.00	3080.00	3085.00	3090.00	3095.00	3100.00	3105.00	3110.00	3115.00	3120.00	3125.00	3130.00	3135.00	3140.00	3145.00	3150.00	3155.00	3160.00	3165.00	3170.00	3175.00	3180.00	3185.00	3190.00	3195.00	3200.00	3205.00	3210.00	3215.00	3220.00	3225.00	3230.00	3235.00	3240.00	3245.00	3250.00	3255.00	3260.00	3265.00	3270.00	3275.00	3280.00	3285.00	3290.00	3295.00	3300.00	3305.00	3310.00	3315.00	3320.00	3325.00	3330.00	3335.00	3340.00	3345.00	3350.00	3355.00	3360.00	3365.00	3370.00	3375.00	3380.00	3385.00	3390.00	3395.00	3400.00	3405.00	3410.00	3415.00	3420.00	3425.00	3430.00	3435.00	3440.00	3445.00	3450.00	3455.00	3460.00	3465.00	3470.00	3475.00	3480.00	3485.00	3490.00	3495.00	3500.00	3505.00	3510.00	3515.00	3520.00	3525.00	3530.00	3535.00	3540.00	3545.00	3550.00	3555.00	3560.00	3565.00	3570.00	3575.00	3580.00	3585.00	3590.00	3595.00	3600.00	3605.00	3610.00	3615.00	3620.00	3625.00	3630.00	3635.00	3640.00	3645.00	3650.00	3655.00	3660.00	3665.00	3670.00	3675.00	3680.00	3685.00	3690.00	3695.00	3700.00	3705.00	3710.00	3715.00	3720.00	3725.00	3730.00	3735.00	3740.00	3745.00	3750.00	3755.00	3760.00	3765.00	3770.00	3775.00	3780.00	3785.00	3790.00	3795.00	3800.00	3805.00	3810.00	3815.00	3820.00	3825.00	3830.00	3835.00	3840.00	3845.00	3850.00	3855.00	3860.00	3865.00	3870.00	3875.00	3880.00	3885.00	3890.00	3895.00	3900.00	3905.00	3910.00	3915.00	3920.00	3925.00	3930.00	3935.00	3940.00	3945.00	3950.00	3955.00	3960.00	3965.00	3970.00	3975.00	3980.00	3985.00	3990.00	3995.00	4000.00	4005.00	4010.00	4015.00	4020.00	4025.00	4030.00	4035.00	4040.00	4045.00	4050.00	4055.00	4060.00	4065.00	4070.00	4075.00	4080.00	4085.00	4090.00	4095.00	4100.00	4105.00	4110.00	4115.00	4120.00	4125.00	4130.00	4135.00	4140.00	4145.00	4150.00	4155.00	4160.00	4165.00	4170.00	4175.00	4180.00	4185.00	4190.00	4195.00	4200.00	4205.00	4210.00	4215.00	4220.00	4225.00	4230.00	4235.00	4240.00	4245.00	4250.00	4255.00	4260.00	4265.00	4270.00	4275.00	4280.00	4285.00	4290.00	4295.00	4300.00	4305.00	4310.00	4315.00	4320.00	4325.00	4330.00	4335.00	4340.00	4345.00	4350.00	4355.00	4360.00	4365.00	4370.00	4375.00	4380.00	4385.00	4390.00	4395.00	4400.00	4405.00	4410.00	4415.00	4420.00	4425.00	4430.00	4435.00	4440.00	4445.00	4450.00	4455.00	4460.00

Table A-1: *Office Occupations - Continued*

(Average straight-time weekly hours and earnings 1/ for selected occupations studied on an area basis in Minneapolis-St. Paul, Minn., by industry division, November 1951)

Sex, occupation, and industry division	Number of workers	AVERAGE		NUMBER OF WORKERS RECEIVING STRAIGHT-TIME WEEKLY EARNINGS OF—																											
		Weekly hours (Standard)	Weekly earnings (Standard)	\$ 27.50 and under	\$ 30.00	\$ 32.50	\$ 35.00	\$ 37.50	\$ 40.00	\$ 42.50	\$ 45.00	\$ 47.50	\$ 50.00	\$ 52.50	\$ 55.00	\$ 57.50	\$ 60.00	\$ 62.50	\$ 65.00	\$ 67.50	\$ 70.00	\$ 75.00	\$ 80.00	\$ 85.00	\$ 90.00	\$ 95.00	\$ 95.00 and over				
Men - Continued																															
Office boys	286	39.5	\$ 35.50	15	90	59	41	24	39	5	7	5	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Manufacturing	123	40.0	35.00	-	45	28	28	11	6	3	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Durable goods	16	40.0	39.00	-	2	6	-	2	1	3	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Nondurable goods	107	40.0	34.50	-	43	22	28	9	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Nonmanufacturing	163	39.5	36.00	15	45	31	13	13	33	2	7	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Wholesale trade	54	40.0	37.50	3	16	8	-	1	14	2	6	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Retail trade	18	40.0	36.50	-	1	6	3	6	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Finance **	64	39.0	33.00	12	28	9	10	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Services	23	39.0	38.00	-	-	7	-	2	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Stenographers, general	36	39.5	50.00	-	-	-	-	-	6	-	8	-	7	6	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Manufacturing	22	40.0	48.00	-	-	-	-	-	6	-	8	-	-	6	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Tabulating-machine operators	125	39.5	58.50	-	-	1	4	1	4	5	4	10	12	9	6	9	12	10	5	14	12	4	3	-	-	-	-	-	-		
Manufacturing	31	40.0	63.50	-	-	-	-	-	-	1	-	2	3	-	1	5	4	-	3	2	7	1	2	-	-	-	-	-	-		
Nonmanufacturing	94	40.0	57.00	-	-	1	4	1	4	4	4	8	9	9	5	4	8	10	2	12	5	3	1	-	-	-	-	-	-		
Wholesale trade	17	40.0	62.00	-	-	-	-	-	-	-	-	1	1	2	2	1	3	4	3	4	2	12	3	-	-	-	-	-	-		
Finance **	65	40.0	55.00	-	-	1	4	1	4	4	4	4	8	5	3	3	4	3	2	12	3	-	-	-	-	-	-	-	-		
Women																															
Billers, machine (billing machine)	460	40.0	43.50	3	2	16	60	76	63	55	52	55	54	7	5	8	4	-	-	-	-	-	-	-	-	-	-	-	-		
Manufacturing	160	39.5	45.00	-	-	2	19	8	15	32	24	24	28	2	1	4	1	-	-	-	-	-	-	-	-	-	-	-	-		
Durable goods	48	39.5	46.50	-	-	-	1	5	3	12	5	10	8	-	1	2	1	-	-	-	-	-	-	-	-	-	-	-	-		
Nondurable goods	112	39.5	44.50	-	-	2	18	3	12	20	19	14	20	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-		
Nonmanufacturing	300	40.0	42.50	3	2	14	41	68	48	23	28	31	26	5	4	4	3	-	-	-	-	-	-	-	-	-	-	-	-		
Public utilities *	52	40.0	45.00	-	-	-	5	6	16	6	1	2	9	-	-	4	-	3	-	-	-	-	-	-	-	-	-	-	-		
Wholesale trade	115	40.0	44.50	-	-	-	8	27	15	1	22	20	17	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Retail trade	69	40.5	39.00	3	2	6	18	15	6	10	3	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Finance **	27	38.5	41.00	-	-	-	10	10	1	2	-	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-		
Services	37	40.0	40.00	-	-	8	-	10	10	4	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Billers, machine (bookkeeping machine) ...	218	39.5	43.50	-	8	13	11	35	30	55	19	11	8	9	8	8	2	-	1	-	-	-	-	-	-	-	-	-	-		
Manufacturing	20	40.0	51.00	-	-	-	-	-	1	1	1	8	1	4	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-		
Nonmanufacturing	198	39.5	43.00	-	8	13	11	35	29	54	18	3	7	5	5	8	1	-	1	-	-	-	-	-	-	-	-	-	-		
Retail trade	99	40.5	43.50	-	3	4	11	16	5	10	1	1	1	1	1	6	-	-	-	-	-	-	-	-	-	-	-	-	-		
Services	15	40.5	42.50	-	-	-	2	-	5	2	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Bookkeepers, hand	434	40.0	56.50	-	-	-	1	5	40	25	33	45	61	23	30	25	33	21	3	17	17	29	16	-	10	-	-	-	-		
Manufacturing	158	40.0	58.00	-	-	-	-	2	7	3	10	42	15	15	12	2	6	1	14	3	26	-	-	-	-	-	-	-	-		
Durable goods	80	39.5	57.00	-	-	-	-	-	1	1	3	23	7	13	12	2	6	-	2	-	10	-	-	-	-	-	-	-	-		
Nondurable goods	78	40.0	59.00	-	-	-	-	2	6	2	7	19	8	2	-	-	-	1	12	3	16	-	-	-	-	-	-	-	-		
Nonmanufacturing	276	40.0	55.50	-	-	1	5	38	18	30	35	19	8	15	13	31	15	2	3	14	3	16	-	10	-	-	-	-	-		
Public utilities *	40	40.0	59.00	-	-	-	-	-	-	8	2	-	-	4	2	14	1	1	3	5	-	-	-	-	-	-	-	-	-		
Wholesale trade	44	40.0	47.00	-	-	-	-	14	-	13	14	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-		
Retail trade	68	40.5	69.50	-	-	-	-	-	-	1	1	-	1	9	-	15	10	-	6	3	12	-	-	-	10	-	-	-	-		
Finance **	51	39.0	51.00	-	-	-	-	11	7	5	12	-	1	1	5	2	3	-	-	-	-	-	-	-	-	-	-	-	-		
Services	73	40.0	48.00	-	-	1	5	13	11	3	6	19	6	1	6	-	1	1	-	-	-	-	-	-	-	-	-	-	-		
Bookkeeping-machine operators, class A ..	262	39.5	47.00	-	-	1	16	2	47	52	45	38	6	33	8	5	2	3	2	-	2	-	-	-	-	-	-	-	-		
Manufacturing	58	40.0	49.50	-	-	-	-	2	8	9	10	7	4	8	5	-	-	3	1	-	1	-	-	-	-	-	-	-	-		
Durable goods	30	40.0	47.00	-	-	-	-	2	8	7	4	3	-	2	-	-	-	3	1	-	-	-	-	-	-	-	-	-	-		
Nondurable goods	28	39.5	52.00	-	-	-	-	-	-	2	6	4	4	6	5	-	-	-	-	-	1	-	-	-	-	-	-	-	-		
Nonmanufacturing	204	39.5	46.00	-	-	1	16	-	39	43	35	31	2	25	3	5	2	-	1	-	1	-	-	-	-	-	-	-	-		
Wholesale trade	124	40.0	47.00	-	-	-	6	-	10	36	33	10	-	19	3	5	2	-	-	-	-	-	-	-	-	-	-	-	-		
Retail trade	35	40.0	48.00	-	-	-	-	-	4	1	2	21	1	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Finance **	33	37.5	39.50	-	-	1	10	-	20	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		

See footnote at end of table.

* Transportation (excluding railroads), communication, and other public utilities.

** Finance, insurance, and real estate.

Table A-1: Office Occupations - Continued

(Average straight-time weekly hours and earnings 1/ for selected occupations studied on an area basis in Minneapolis-St. Paul, Minn., by industry division, November 1951)

Sex, occupation, and industry division	Number of workers	AVERAGE		NUMBER OF WORKERS RECEIVING STRAIGHT-TIME WEEKLY EARNINGS OF—																									
		Weekly hours (Standard)	Weekly earnings (Standard)	\$27.50 and under	\$30.00	\$32.50	\$35.00	\$37.50	\$40.00	\$42.50	\$45.00	\$47.50	\$50.00	\$52.50	\$55.00	\$57.50	\$60.00	\$62.50	\$65.00	\$67.50	\$70.00	\$75.00	\$80.00	\$85.00	\$90.00	\$95.00			
				30.00	32.50	35.00	37.50	40.00	42.50	45.00	47.50	50.00	52.50	55.00	57.50	60.00	62.50	65.00	67.50	70.00	75.00	80.00	85.00	90.00	95.00	and over			
Women - Continued																													
Bookkeeping-machine operators, class B ..	739	40.0	\$41.00	-	38	85	72	147	146	89	63	23	46	7	18	2	-	2	1	-	-	-	-	-	-	-	-	-	
Manufacturing	143	40.0	45.50	-	-	-	2	14	37	35	11	10	16	2	11	2	-	2	1	-	-	-	-	-	-	-	-	-	
Durable goods	69	40.0	45.50	-	-	-	-	5	17	22	10	2	2	1	7	-	-	2	1	-	-	-	-	-	-	-	-	-	
Nondurable goods	74	39.5	45.50	-	-	-	2	9	20	13	1	8	14	1	4	2	-	-	-	-	-	-	-	-	-	-	-	-	
Nonmanufacturing	596	40.0	40.00	-	38	85	70	133	109	54	52	13	30	5	7	-	-	-	-	-	-	-	-	-	-	-	-	-	
Public utilities *	10	40.0	44.00	-	-	-	-	1	7	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Wholesale trade	158	40.0	43.50	-	8	14	11	5	21	30	33	5	22	2	7	-	-	-	-	-	-	-	-	-	-	-	-	-	
Retail trade	76	41.0	37.50	-	9	15	15	16	6	5	8	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Finance **	336	39.5	38.50	-	21	56	44	105	68	19	10	7	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Services	16	40.5	41.50	-	-	-	-	6	7	-	1	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Calculating-machine operators (Comptometer type)	1,168	39.5	46.00	-	-	9	23	58	298	181	156	141	148	45	52	29	21	6	-	-	-	-	1	-	-	-	-	-	
Manufacturing	361	40.0	47.00	-	-	4	10	15	65	60	53	46	52	11	33	2	3	6	-	-	-	-	-	-	-	-	-	-	
Durable goods	80	40.0	47.00	-	-	1	2	1	14	10	20	13	9	6	1	2	-	-	-	-	-	-	-	-	-	-	-	-	
Nondurable goods	281	40.0	46.50	-	-	3	8	14	51	50	33	33	43	5	32	-	3	6	-	-	-	-	-	-	-	-	-	-	
Nonmanufacturing	807	39.5	46.00	-	-	5	13	43	233	121	103	95	96	34	19	27	18	-	-	-	-	-	-	-	-	-	-	-	
Public utilities *	74	40.0	51.00	-	-	-	-	5	3	7	10	5	22	3	7	1	11	-	-	-	-	-	-	-	-	-	-	-	
Wholesale trade	259	40.0	47.00	-	-	4	9	10	65	39	26	24	18	25	6	26	7	-	-	-	-	-	-	-	-	-	-	-	
Retail trade	223	39.5	45.50	-	-	-	3	15	54	20	29	54	38	4	6	-	-	-	-	-	-	-	-	-	-	-	-	-	
Finance **	73	38.5	44.00	-	-	-	1	13	26	4	10	3	14	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Calculating-machine operators (other than Comptometer type)	328	39.5	44.00	2	18	17	33	26	44	53	35	43	14	9	21	6	5	-	-	-	2	-	-	-	-	-	-	-	
Manufacturing	119	39.5	46.50	-	-	6	-	11	13	27	15	16	7	7	6	4	5	-	-	-	2	-	-	-	-	-	-	-	
Nonmanufacturing	209	39.5	42.50	2	18	11	33	15	31	26	20	27	7	2	15	2	-	-	-	-	-	-	-	-	-	-	-	-	
Wholesale trade	80	40.0	42.00	-	8	3	9	6	15	13	14	8	2	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	
Retail trade	20	40.0	45.50	-	-	2	7	1	-	-	-	-	-	2	8	-	-	-	-	-	-	-	-	-	-	-	-	-	
Finance **	89	39.0	41.00	2	10	6	17	8	16	7	6	5	5	-	7	-	-	-	-	-	-	-	-	-	-	-	-	-	
Clerks, accounting	2,276	40.0	45.50	2	72	113	261	231	244	278	297	191	147	88	61	67	177	12	19	1	6	2	7	-	-	-	-	-	
Manufacturing	475	40.0	45.50	-	-	9	39	66	71	62	63	55	51	22	15	10	4	5	1	1	-	-	-	-	-	-	-	-	
Durable goods	169	40.0	45.50	-	-	4	12	16	35	28	11	13	22	7	11	5	3	1	-	-	-	-	-	-	-	-	-	-	
Nondurable goods	306	40.0	45.00	-	-	5	27	50	36	34	52	42	29	15	4	5	1	4	1	1	-	-	-	-	-	-	-	-	
Nonmanufacturing	1,801	40.0	45.50	2	72	104	222	165	173	216	234	136	96	66	46	57	173	7	18	-	6	1	7	-	-	-	-	-	
Wholesale trade	297	40.0	47.50	-	-	-	1	7	35	28	94	58	26	12	23	9	3	-	1	-	-	-	-	-	-	-	-	-	
Retail trade	404	40.0	45.00	-	33	41	26	39	42	35	57	31	15	6	1	8	55	4	7	-	4	-	-	-	-	-	-		
Finance **	371	39.5	42.00	2	39	40	39	55	46	55	34	12	19	8	5	8	1	1	-	-	-	-	-	-	-	-	-	-	
Services	70	39.5	42.50	-	-	7	12	1	8	26	9	-	1	1	-	5	-	-	-	-	-	-	-	-	-	-	-	-	
Clerks, file, class A	246	40.0	42.50	-	10	22	26	27	31	48	39	14	10	6	3	8	2	-	-	-	-	-	-	-	-	-	-	-	
Manufacturing	88	40.0	43.00	-	1	7	4	3	20	25	20	1	3	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	
Durable goods	43	40.0	43.00	-	1	7	1	3	5	14	4	1	3	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	
Nondurable goods	45	39.5	43.00	-	-	-	3	-	15	11	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Nonmanufacturing	158	40.0	42.00	-	9	15	22	24	11	23	19	13	7	4	2	7	2	-	-	-	-	-	-	-	-	-	-	-	
Public utilities *	15	40.0	48.50	-	-	-	-	-	2	-	7	1	2	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	
Wholesale trade	61	40.0	44.00	-	-	-	6	14	3	20	3	4	1	1	2	6	1	-	-	-	-	-	-	-	-	-	-	-	
Finance **	42	40.0	42.00	-	-	5	5	9	6	3	9	-	3	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	

See footnote at end of table.

* Transportation (excluding railroads), communication, and other public utilities.

** Finance, insurance, and real estate.

Table A-1: *Office Occupations - Continued*

(Average straight-time weekly hours and earnings 1/ for selected occupations studied on an area basis in Minneapolis-St. Paul, Minn., by industry division, November 1951)

Sex, occupation, and industry division	Number of workers	AVERAGE		NUMBER OF WORKERS RECEIVING STRAIGHT-TIME WEEKLY EARNINGS OF—																											
		Weekly hours (Standard)	Weekly earnings (Standard)	\$27.50 and under	\$30.00	\$32.50	\$35.00	\$37.50	\$40.00	\$42.50	\$45.00	\$47.50	\$50.00	\$52.50	\$55.00	\$57.50	\$60.00	\$62.50	\$65.00	\$67.50	\$70.00	\$75.00	\$80.00	\$85.00	\$90.00	\$95.00	\$95.00 and over				
				30.00	32.50	35.00	37.50	40.00	42.50	45.00	47.50	50.00	52.50	55.00	57.50	60.00	62.50	65.00	67.50	70.00	75.00	80.00	85.00	90.00	95.00						
Women - Continued																															
Clerks, file, class B	1,343	39.5	\$36.50	42	258	321	235	137	198	79	62	9	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Manufacturing	311	39.5	37.50	-	57	57	48	39	76	24	12	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Durable goods	171	39.5	38.00	-	29	19	34	18	44	16	10	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Nondurable goods	143	39.5	37.00	-	28	38	14	21	32	8	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Nonmanufacturing	1,029	40.0	36.50	42	201	264	187	98	122	55	50	8	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Public utilities *	52	40.0	39.00	3	-	-	10	14	21	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Wholesale trade	221	40.0	40.00	1	25	13	51	19	24	31	48	8	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Retail trade	187	40.0	36.00	-	42	64	18	28	34	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Finance **	455	39.5	35.00	38	79	162	87	30	42	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Services	114	40.0	34.00	-	55	25	21	7	1	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Clerks, general	987	39.5	46.00	3	19	85	153	81	76	87	146	42	88	17	67	32	23	4	12	-	11	17	24	-	-	-	-	-	-		
Manufacturing	206	40.0	54.00	-	-	-	-	10	20	12	37	18	16	3	21	21	10	3	10	-	1	-	24	-	-	-	-	-	-		
Durable goods	37	40.0	53.00	-	-	-	-	-	-	6	4	1	2	1	7	13	-	3	10	-	-	-	-	-	-	-	-	-	-		
Nondurable goods	169	40.0	54.50	-	-	-	-	10	20	6	33	17	14	2	14	8	10	-	10	-	1	-	24	-	-	-	-	-	-		
Nonmanufacturing	781	39.5	44.00	3	19	85	153	71	56	75	109	24	72	14	46	11	13	1	2	-	10	17	-	-	-	-	-	-	-		
Public utilities *	33	40.0	50.50	-	-	-	-	4	-	19	2	11	-	1	1	1	-	2	-	-	-	1	-	-	-	-	-	-	-		
Wholesale trade	216	40.0	42.00	-	-	12	83	35	4	19	8	1	30	2	13	-	9	-	-	-	-	-	-	-	-	-	-	-	-		
Retail trade	161	40.5	45.00	3	3	30	14	7	7	16	34	5	10	3	20	1	-	-	-	-	4	-	-	-	-	-	-	-	-		
Finance **	273	38.0	43.50	-	12	29	38	18	33	37	45	11	12	9	12	9	3	1	-	-	4	8	-	-	-	-	-	-	-		
Services	98	40.5	45.00	-	4	14	18	7	12	3	12	5	9	-	-	-	-	-	-	-	6	-	-	-	-	-	-	-	-		
Clerks, order	332	40.0	45.50	-	14	17	33	58	44	42	32	22	16	14	9	6	3	-	2	-	2	-	-	-	-	-	-	-	-		
Manufacturing	153	39.5	48.00	-	3	3	26	24	16	15	21	7	10	3	5	-	2	-	-	-	-	-	-	-	-	-	-	-	-		
Durable goods	71	40.0	54.50	-	3	1	3	10	13	8	3	-	9	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Nondurable goods	82	39.5	42.50	-	-	2	23	14	3	7	18	7	1	3	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-		
Nonmanufacturing	179	40.0	43.00	-	11	14	7	34	28	27	11	15	6	11	4	6	1	-	2	2	-	-	-	-	-	-	-	-	-		
Wholesale trade	42	40.0	49.00	-	-	-	1	8	3	-	10	3	3	3	3	4	1	-	2	1	-	-	-	-	-	-	-	-	-		
Retail trade	68	40.0	39.50	-	11	14	3	8	6	20	-	3	-	-	1	1	-	-	-	1	-	-	-	-	-	-	-	-	-		
Services	38	41.0	41.50	-	-	-	-	14	16	-	-	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Clerks, payroll	594	40.0	48.50	-	-	1	38	53	61	80	70	58	81	26	33	36	12	11	15	15	2	-	-	-	-	-	-	-	-		
Manufacturing	253	40.0	48.00	-	-	-	14	14	28	42	40	22	28	15	23	16	2	6	1	2	-	-	-	-	-	-	-	-	-		
Durable goods	115	40.0	48.50	-	-	-	4	2	10	24	27	12	9	6	2	10	2	5	-	2	-	-	-	-	-	-	-	-	-		
Nondurable goods	138	39.5	47.50	-	-	-	10	12	18	18	13	10	19	9	21	6	-	1	1	-	-	-	-	-	-	-	-	-	-		
Nonmanufacturing	341	40.0	48.50	-	-	1	24	39	33	38	30	36	53	11	10	20	10	5	14	13	2	-	-	-	-	-	-	-	-		
Public utilities *	66	40.0	46.00	-	-	-	12	20	3	3	4	-	2	3	2	9	4	3	-	-	1	-	-	-	-	-	-	-	-		
Wholesale trade	92	40.0	49.00	-	-	-	2	15	2	15	15	-	24	1	-	6	1	-	8	1	1	-	-	-	-	-	-	-	-		
Retail trade	99	40.0	49.00	-	-	1	-	1	10	17	7	28	22	-	2	1	-	1	3	6	-	-	-	-	-	-	-	-	-		
Finance **	36	39.0	51.50	-	-	-	2	2	2	3	2	8	2	4	2	3	-	1	3	1	-	-	-	-	-	-	-	-	-		
Services	48	40.0	48.00	-	-	-	8	1	16	-	2	-	3	3	4	1	5	-	-	5	-	-	-	-	-	-	-	-	-		
Duplicating-machine operators	171	40.0	40.00	1	10	28	24	26	35	20	8	10	3	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Manufacturing	76	40.0	40.00	-	5	8	10	16	18	5	3	7	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Durable goods	36	39.5	39.00	-	5	8	5	3	6	3	-	3	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Nondurable goods	40	40.0	41.00	-	-	-	5	13	12	2	3	4	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Nonmanufacturing	95	40.0	39.50	1	5	20	14	10	17	15	5	3	3	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Public utilities *	17	40.0	42.50	-	-	-	3	2	2	7	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Wholesale trade	32	40.0	39.50	-	-	15	4	1	2	4	-	1	3	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Retail trade	18	40.0	37.50	-	4	2	3	3	3	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Finance **	21	39.0	38.50	1	1	3	4	4	4	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		

See footnote at end of table.

* Transportation (excluding railroads), communication, and other public utilities.

** Finance, insurance, and real estate.

Table A-1: Office Occupations - Continued

(Average straight-time weekly hours and earnings 1/ for selected occupations studied on an area basis in Minneapolis-St. Paul, Minn., by industry division, November 1951)

Sex, occupation, and industry division	Number of workers	AVERAGE		NUMBER OF WORKERS RECEIVING STRAIGHT-TIME WEEKLY EARNINGS OF—																									
		Weekly hours (Standard)	Weekly earnings (Standard)	\$27.50 and under	\$30.00	\$32.50	\$35.00	\$37.50	\$40.00	\$42.50	\$45.00	\$47.50	\$50.00	\$52.50	\$55.00	\$57.50	\$60.00	\$62.50	\$65.00	\$67.50	\$70.00	\$75.00	\$80.00	\$85.00	\$90.00	\$95.00 and over			
				30.00	32.50	35.00	37.50	40.00	42.50	45.00	47.50	50.00	52.50	55.00	57.50	60.00	62.50	65.00	67.50	70.00	75.00	80.00	85.00	90.00	95.00				
Women - Continued																													
Key-punch operators	439	40.0	\$42.50	-	8	36	53	57	69	85	65	21	28	8	5	1	-	-	-	-	3	-	-	-	-	-	-	-	
Manufacturing	154	40.0	44.50	-	-	1	6	10	27	40	41	11	14	3	1	-	-	-	-	-	-	-	-	-	-	-	-		
Durable goods	97	40.0	45.50	-	-	1	1	-	15	33	29	5	9	3	1	-	-	-	-	-	-	-	-	-	-	-	-		
Nondurable goods	57	40.0	43.50	-	-	-	5	10	12	7	12	6	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Nonmanufacturing	285	39.5	41.00	-	8	35	47	47	42	45	24	10	14	5	4	1	-	-	-	-	3	-	-	-	-	-	-		
Public utilities *	36	40.0	44.00	-	-	-	9	5	4	7	2	-	3	3	2	1	-	-	-	-	-	-	-	-	-	-	-		
Wholesale trade	43	40.0	46.00	-	-	6	-	3	8	5	8	3	4	1	2	-	-	-	-	-	3	-	-	-	-	-	-		
Retail trade	28	39.5	40.00	-	-	4	10	1	3	1	7	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Finance **	174	39.5	39.50	-	8	25	28	38	25	32	7	4	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
Office girls	522	39.5	34.50	23	153	213	65	31	14	10	3	6	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-		
Manufacturing	183	40.0	35.00	-	52	76	29	13	2	2	2	3	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-		
Durable goods	59	40.0	37.00	-	13	28	4	1	2	2	2	3	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-		
Nondurable goods	124	40.0	34.50	-	39	48	25	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Nonmanufacturing	339	39.5	34.00	23	101	137	36	18	12	8	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Wholesale trade	53	39.5	36.00	1	15	10	3	11	7	3	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Retail trade	52	40.5	35.00	-	12	22	9	4	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Finance **	200	39.0	33.00	22	65	93	15	1	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Services	19	39.5	33.50	-	9	9	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Secretaries	1,718	39.5	55.50	-	-	2	5	9	48	82	184	124	242	196	205	185	110	51	56	91	68	24	16	8	12	-	-		
Manufacturing	700	40.0	56.50	-	-	-	-	1	5	25	44	58	96	90	115	88	38	37	36	27	15	2	9	4	10	-	-		
Durable goods	228	40.0	55.00	-	-	-	-	-	1	15	11	11	36	38	54	20	11	15	6	4	4	1	1	-	-	-	-		
Nondurable goods	472	40.0	57.50	-	-	-	-	1	4	10	33	47	60	52	61	68	27	22	30	23	11	1	8	4	10	-	-		
Nonmanufacturing	1,018	39.5	55.00	-	-	2	5	8	43	57	140	66	146	106	90	97	72	14	20	64	53	22	7	4	2	-	-		
Public utilities *	143	40.0	57.00	-	-	-	-	-	8	15	17	5	7	32	3	4	14	4	4	6	15	2	4	1	2	-	-		
Wholesale trade	243	40.0	55.50	-	-	-	-	-	10	6	27	23	64	13	13	12	19	1	2	34	15	3	1	-	-	-	-		
Retail trade	195	40.0	52.00	-	-	-	-	4	15	14	27	19	38	17	22	9	16	1	2	1	9	1	-	-	-	-	-		
Finance **	272	38.5	54.50	-	-	-	-	2	13	67	13	22	39	25	40	17	7	7	8	4	5	-	3	-	-	-	-		
Services	165	39.5	57.00	-	-	2	5	4	8	9	2	6	15	5	27	32	6	1	5	15	10	11	2	-	-	-	-		
Stenographers, general	2,426	40.0	45.50	-	3	66	99	192	481	527	325	235	187	116	58	51	43	27	4	9	2	1	-	-	-	-	-		
Manufacturing	944	40.0	46.00	-	-	8	17	72	174	207	157	102	62	40	25	8	25	11	-	6	-	-	-	-	-	-	-		
Durable goods	409	40.0	46.50	-	-	7	9	19	56	101	75	53	25	20	17	7	17	1	-	2	-	-	-	-	-	-	-		
Nondurable goods	505	40.0	45.50	-	-	1	8	53	118	106	82	49	37	20	8	1	8	10	-	4	-	-	-	-	-	-	-		
Nonmanufacturing	1,512	39.5	45.00	-	3	58	82	120	307	320	168	133	125	76	33	43	18	16	4	3	2	1	-	-	-	-	-		
Public utilities *	215	40.0	49.50	-	-	-	-	25	22	29	18	17	27	34	3	17	12	4	3	1	2	1	-	-	-	-	-		
Wholesale trade	450	39.5	43.50	-	-	26	21	29	136	113	34	35	30	5	5	7	2	5	1	1	-	-	-	-	-	-	-		
Retail trade	200	40.0	43.00	-	1	3	16	17	60	44	32	12	6	6	3	-	-	-	-	-	-	-	-	-	-	-	-		
Finance **	506	39.0	45.00	-	2	19	43	43	68	113	57	13	40	26	21	19	4	7	-	1	-	-	-	-	-	-	-		
Services	141	39.0	45.50	-	-	10	2	6	21	21	27	26	22	5	1	-	-	-	-	-	-	-	-	-	-	-	-		
Stenographers, technical	190	39.5	49.50	-	-	2	-	5	11	27	47	28	19	21	4	8	10	-	-	6	-	-	2	-	-	-	-		
Manufacturing	57	40.0	51.00	-	-	-	-	3	1	10	11	6	7	7	-	5	1	-	-	6	-	-	-	-	-	-	-		
Durable goods	25	39.5	51.00	-	-	-	-	3	1	6	3	3	2	1	-	-	-	-	-	6	-	-	-	-	-	-	-		
Nondurable goods	32	40.0	51.00	-	-	-	-	-	-	4	8	3	5	6	-	5	1	-	-	-	-	-	-	-	-	-	-		
Nonmanufacturing	133	39.5	49.00	-	-	2	-	2	10	17	36	22	12	14	4	3	9	-	-	-	-	-	2	-	-	-	-		
Wholesale trade	49	40.0	52.00	-	-	-	-	-	1	11	12	5	8	1	2	9	-	-	-	-	-	-	-	-	-	-	-		
Finance **	32	39.0	47.50	-	-	2	-	2	2	6	3	5	3	5	3	1	-	-	-	-	-	-	-	-	-	-	-		
Services	40	39.5	47.50	-	-	-	-	-	8	2	20	4	4	-	-	-	-	-	-	-	-	-	2	-	-	-	-		

See footnote at end of table.

* Transportation (excluding railroads), communication, and other public utilities.

** Finance, insurance, and real estate.

Table A-1: *Office Occupations - Continued*

(Average straight-time weekly hours and earnings-1/ for selected occupations studied on an area basis in Minneapolis-St. Paul, Minn., by industry division, November 1951)

Sex, occupation, and industry division	Number workers	AVERAGE		NUMBER OF WORKERS RECEIVING STRAIGHT-TIME WEEKLY EARNINGS OF--																									
		Weekly hours (Standard)	Weekly earnings (Standard)	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$		
				27.50	30.00	32.50	35.00	37.50	40.00	42.50	45.00	47.50	50.00	52.50	55.00	57.50	60.00	62.50	65.00	67.50	70.00	75.00	80.00	85.00	90.00	95.00	and	over	
				30.00	32.50	35.00	37.50	40.00	42.50	45.00	47.50	50.00	52.50	55.00	57.50	60.00	62.50	65.00	67.50	70.00	75.00	80.00	85.00	90.00	95.00				
Women - Continued																													
Switchboard operators	441	40.0	\$ 43.00	2	10	10	76	60	78	38	66	26	16	22	7	22	8	-	-	-	-	-	-	-	-	-	-	-	
Manufacturing	77	40.0	47.50	-	-	-	4	15	12	11	8	9	11	3	3	1	-	-	-	-	-	-	-	-	-	-	-	-	
Durable goods	34	40.0	47.00	-	-	-	3	10	4	3	2	1	6	1	3	1	-	-	-	-	-	-	-	-	-	-	-	-	
Nondurable goods	43	40.0	48.00	-	-	-	1	5	8	8	6	8	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Nonmanufacturing	364	40.0	42.50	2	10	10	76	56	63	26	55	18	7	11	4	19	7	-	-	-	-	-	-	-	-	-	-	-	
Public utilities *	49	40.0	50.50	-	-	-	2	1	6	4	8	-	1	10	1	12	4	-	-	-	-	-	-	-	-	-	-	-	
Wholesale trade	40	39.5	43.50	-	-	-	5	1	18	1	6	3	3	-	1	2	-	-	-	-	-	-	-	-	-	-	-	-	
Retail trade	105	40.0	40.00	2	10	4	19	29	10	7	12	4	1	-	1	6	-	-	-	-	-	-	-	-	-	-	-	-	
Finance **	80	39.0	42.00	-	-	2	18	15	14	10	8	7	2	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	
Services	90	41.5	40.00	-	-	4	32	10	15	4	21	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Switchboard operator-receptionists	552	39.5	42.50	3	17	57	53	62	96	85	59	45	24	16	15	3	11	1	2	-	-	-	-	3	-	-	-	-	
Manufacturing	181	39.5	46.00	-	-	4	4	21	37	19	30	27	12	5	10	2	4	1	2	-	-	-	-	3	-	-	-	-	
Durable goods	91	39.5	45.50	-	-	-	4	8	12	12	23	18	10	1	-	1	1	-	1	-	-	-	-	-	-	-	-	-	
Nondurable goods	90	39.5	46.50	-	-	4	-	13	25	7	7	9	2	4	10	1	3	1	1	-	-	-	-	-	-	-	-	-	
Nonmanufacturing	371	39.5	41.00	3	17	53	49	41	59	66	29	18	12	11	5	1	7	-	-	-	-	-	-	-	-	-	-	-	
Public utilities *	38	40.0	41.00	-	-	-	8	8	13	-	6	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Wholesale trade	124	40.0	43.50	-	8	8	14	12	8	34	8	8	7	5	4	1	7	-	-	-	-	-	-	-	-	-	-	-	
Retail trade	83	40.0	40.00	-	-	10	20	11	26	1	8	1	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Finance **	65	39.0	41.00	3	-	14	7	-	10	17	2	6	5	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Services	61	39.5	38.00	-	9	21	-	10	2	14	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Tabulating-machine operators	226	40.0	50.00	-	3	14	12	23	10	25	13	21	14	7	20	19	13	7	12	9	4	-	-	-	-	-	-	-	
Manufacturing	90	40.0	57.50	-	-	-	2	4	1	2	1	9	5	2	12	16	10	7	9	7	3	-	-	-	-	-	-	-	
Nonmanufacturing	136	39.5	45.00	-	3	14	10	19	9	23	12	12	9	5	8	3	3	-	3	2	1	-	-	-	-	-	-	-	
Public utilities *	12	40.0	50.00	-	-	-	-	-	2	-	1	4	1	-	3	-	1	-	-	-	-	-	-	-	-	-	-	-	
Wholesale trade	25	40.0	50.50	-	-	-	-	3	3	1	6	2	2	1	1	1	1	-	2	1	1	-	-	-	-	-	-	-	
Retail trade	12	41.0	47.00	-	-	-	1	3	1	2	1	-	1	1	-	-	-	1	1	1	-	-	-	-	-	-	-	-	
Finance **	83	39.0	42.50	-	3	12	9	11	3	20	4	6	5	3	4	2	1	-	-	-	-	-	-	-	-	-	-	-	
Transcribing-machine operators, general ..	596	39.5	45.00	-	24	10	29	59	74	151	81	52	45	26	6	19	-	14	-	6	-	-	-	-	-	-	-	-	
Manufacturing	183	39.5	44.00	-	12	2	5	17	28	45	26	23	11	11	1	2	-	-	-	-	-	-	-	-	-	-	-	-	
Durable goods	68	39.5	45.50	-	-	-	-	5	18	14	12	6	4	7	1	1	-	-	-	-	-	-	-	-	-	-	-	-	
Nondurable goods	115	39.0	43.00	-	12	2	5	12	10	31	14	17	7	4	-	1	-	-	-	-	-	-	-	-	-	-	-	-	
Nonmanufacturing	413	39.5	45.50	-	12	8	24	42	46	106	55	29	34	15	5	17	-	14	-	6	-	-	-	-	-	-	-	-	
Wholesale trade	193	40.0	48.00	-	-	-	2	11	15	64	26	16	13	8	4	14	-	14	-	6	-	-	-	-	-	-	-	-	
Retail trade	18	40.0	42.50	-	-	-	1	3	2	9	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Finance **	176	39.0	42.50	-	12	8	19	24	23	31	26	13	10	7	-	3	-	-	-	-	-	-	-	-	-	-	-	-	
Transcribing-machine operators, technical ..	36	39.5	43.50	-	-	-	1	-	12	18	3	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Manufacturing	23	39.5	43.00	-	-	-	-	-	9	11	2	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Nonmanufacturing	13	39.0	43.50	-	-	-	1	-	3	7	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Finance **	11	39.0	43.50	-	-	-	1	-	3	5	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Typists, class A	678	40.0	44.00	1	1	17	40	100	135	104	104	72	49	27	9	7	10	1	1	-	-	-	-	-	-	-	-	-	-
Manufacturing	297	40.0	46.50	-	-	1	2	17	33	57	77	58	21	20	3	4	3	1	-	-	-	-	-	-	-	-	-	-	
Durable goods	173	40.0	47.00	-	-	-	2	13	15	37	42	27	13	15	1	4	3	1	-	-	-	-	-	-	-	-	-	-	
Nondurable goods	124	40.0	46.00	-	-	1	-	4	18	20	35	31	8	5	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
Nonmanufacturing	381	40.0	42.50	1	1	16	38	83	102	47	27	14	28	7	6	3	7	-	1	-	-	-	-	-	-	-	-	-	
Public utilities *	102	40.0	44.50	-	-	-	2	5	8	22	6	16	7	16	5	-	3	1	-	1	-	-	-	-	-	-	-	-	
Wholesale trade	48	40.0	46.50	-	-	-	2	11	4	8	5	2	6	1	3	-	6	-	-	-	-	-	-	-	-	-	-	-	
Retail trade	32	40.0	41.00	-	-	-	2	14	8	4	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Finance **	152	39.5	40.00	1	1	2	29	45	39	26	4	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Services	47	39.5	42.50	-	-	-	2	5	29	3	-	-	5	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	

See footnote at end of table.

* Transportation (excluding railroads), communication, and other public utilities.

** Finance, insurance, and real estate.

Table A-1: Office Occupations - Continued

9.

(Average straight-time weekly hours and earnings 1/ for selected occupations studied on an area basis in Minneapolis-St. Paul, Minn., by industry division, November 1951)

Sex, occupation, and industry division	Number workers	AVERAGE		NUMBER OF WORKERS RECEIVING STRAIGHT-TIME WEEKLY EARNINGS OF--																							
		Weekly hours (Standard)	Weekly earnings (Standard)	\$ 27.50 and under	\$ 30.00	\$ 32.50	\$ 35.00	\$ 37.50	\$ 40.00	\$ 42.50	\$ 45.00	\$ 47.50	\$ 50.00	\$ 52.50	\$ 55.00	\$ 57.50	\$ 60.00	\$ 62.50	\$ 65.00	\$ 67.50	\$ 70.00	\$ 75.00	\$ 80.00	\$ 85.00	\$ 90.00	\$ 95.00 and over	
				30.00	32.50	35.00	37.50	40.00	42.50	45.00	47.50	50.00	52.50	55.00	57.50	60.00	62.50	65.00	67.50	70.00	75.00	80.00	85.00	90.00	95.00		
<u>Women</u> - Continued																											
Typists, class B	2,175	39.5	\$ 39.00	-	189	329	441	353	428	177	105	87	44	9	7	6	-	-	-	-	-	-	-	-	-	-	-
Manufacturing	589	39.5	39.50	-	42	70	119	89	142	42	23	47	9	6	-	-	-	-	-	-	-	-	-	-	-	-	
Durable goods	241	40.0	41.00	-	4	23	57	25	59	29	11	18	9	6	-	-	-	-	-	-	-	-	-	-	-	-	
Nondurable goods	348	39.5	38.50	-	38	47	62	64	83	13	12	29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Nonmanufacturing	1,586	39.5	38.50	-	147	259	322	264	286	135	82	40	35	3	7	6	-	-	-	-	-	-	-	-	-	-	
Public utilities *	28	40.0	42.50	-	-	-	4	2	11	4	3	-	3	1	-	-	-	-	-	-	-	-	-	-	-	-	
Wholesale trade	371	40.0	41.00	-	11	32	74	50	85	37	37	12	19	1	7	6	-	-	-	-	-	-	-	-	-	-	
Retail trade	179	40.0	37.50	-	19	30	46	27	23	27	6	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Finance **	745	39.0	37.50	-	117	188	136	106	81	57	27	19	13	1	-	-	-	-	-	-	-	-	-	-	-	-	
Services	263	40.0	39.00	-	-	9	62	79	86	10	9	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

1/ Hours reflect the workweek for which employees receive their regular straight-time salaries and the earnings correspond to these weekly hours.

* Transportation (excluding railroads), communication, and other public utilities.

** Finance, insurance, and real estate.

Table A-2: Professional and Technical Occupations

(Average straight-time weekly hours and earnings 1/ for selected occupations studied on an area basis in Minneapolis-St. Paul, Minn., by industry division, November 1951)

Sex, occupation, and industry division	Number of workers	AVERAGE		NUMBER OF WORKERS RECEIVING STRAIGHT-TIME WEEKLY EARNINGS OF—																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
		Weekly hours (Standard)	Weekly earnings (Standard)	\$ 32.50 and under 35.00	\$ 35.00	\$ 37.50	\$ 40.00	\$ 42.50	\$ 45.00	\$ 47.50	\$ 50.00	\$ 52.50	\$ 55.00	\$ 57.50	\$ 60.00	\$ 62.50	\$ 65.00	\$ 70.00	\$ 75.00	\$ 80.00	\$ 85.00	\$ 90.00	\$ 95.00	\$ 100.00	\$ 105.00	\$ 110.00 and over																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
				35.00	37.50	40.00	42.50	45.00	47.50	50.00	52.50	55.00	57.50	60.00	62.50	65.00	70.00	75.00	80.00	85.00	90.00	95.00	100.00	105.00	110.00	115.00	120.00	125.00	130.00	135.00	140.00	145.00	150.00	155.00	160.00	165.00	170.00	175.00	180.00	185.00	190.00	195.00	200.00	205.00	210.00	215.00	220.00	225.00	230.00	235.00	240.00	245.00	250.00	255.00	260.00	265.00	270.00	275.00	280.00	285.00	290.00	295.00	300.00	305.00	310.00	315.00	320.00	325.00	330.00	335.00	340.00	345.00	350.00	355.00	360.00	365.00	370.00	375.00	380.00	385.00	390.00	395.00	400.00	405.00	410.00	415.00	420.00	425.00	430.00	435.00	440.00	445.00	450.00	455.00	460.00	465.00	470.00	475.00	480.00	485.00	490.00	495.00	500.00	505.00	510.00	515.00	520.00	525.00	530.00	535.00	540.00	545.00	550.00	555.00	560.00	565.00	570.00	575.00	580.00	585.00	590.00	595.00	600.00	605.00	610.00	615.00	620.00	625.00	630.00	635.00	640.00	645.00	650.00	655.00	660.00	665.00	670.00	675.00	680.00	685.00	690.00	695.00	700.00	705.00	710.00	715.00	720.00	725.00	730.00	735.00	740.00	745.00	750.00	755.00	760.00	765.00	770.00	775.00	780.00	785.00	790.00	795.00	800.00	805.00	810.00	815.00	820.00	825.00	830.00	835.00	840.00	845.00	850.00	855.00	860.00	865.00	870.00	875.00	880.00	885.00	890.00	895.00	900.00	905.00	910.00	915.00	920.00	925.00	930.00	935.00	940.00	945.00	950.00	955.00	960.00	965.00	970.00	975.00	980.00	985.00	990.00	995.00	1000.00	1005.00	1010.00	1015.00	1020.00	1025.00	1030.00	1035.00	1040.00	1045.00	1050.00	1055.00	1060.00	1065.00	1070.00	1075.00	1080.00	1085.00	1090.00	1095.00	1100.00	1105.00	1110.00	1115.00	1120.00	1125.00	1130.00	1135.00	1140.00	1145.00	1150.00	1155.00	1160.00	1165.00	1170.00	1175.00	1180.00	1185.00	1190.00	1195.00	1200.00	1205.00	1210.00	1215.00	1220.00	1225.00	1230.00	1235.00	1240.00	1245.00	1250.00	1255.00	1260.00	1265.00	1270.00	1275.00	1280.00	1285.00	1290.00	1295.00	1300.00	1305.00	1310.00	1315.00	1320.00	1325.00	1330.00	1335.00	1340.00	1345.00	1350.00	1355.00	1360.00	1365.00	1370.00	1375.00	1380.00	1385.00	1390.00	1395.00	1400.00	1405.00	1410.00	1415.00	1420.00	1425.00	1430.00	1435.00	1440.00	1445.00	1450.00	1455.00	1460.00	1465.00	1470.00	1475.00	1480.00	1485.00	1490.00	1495.00	1500.00	1505.00	1510.00	1515.00	1520.00	1525.00	1530.00	1535.00	1540.00	1545.00	1550.00	1555.00	1560.00	1565.00	1570.00	1575.00	1580.00	1585.00	1590.00	1595.00	1600.00	1605.00	1610.00	1615.00	1620.00	1625.00	1630.00	1635.00	1640.00	1645.00	1650.00	1655.00	1660.00	1665.00	1670.00	1675.00	1680.00	1685.00	1690.00	1695.00	1700.00	1705.00	1710.00	1715.00	1720.00	1725.00	1730.00	1735.00	1740.00	1745.00	1750.00	1755.00	1760.00	1765.00	1770.00	1775.00	1780.00	1785.00	1790.00	1795.00	1800.00	1805.00	1810.00	1815.00	1820.00	1825.00	1830.00	1835.00	1840.00	1845.00	1850.00	1855.00	1860.00	1865.00	1870.00	1875.00	1880.00	1885.00	1890.00	1895.00	1900.00	1905.00	1910.00	1915.00	1920.00	1925.00	1930.00	1935.00	1940.00	1945.00	1950.00	1955.00	1960.00	1965.00	1970.00	1975.00	1980.00	1985.00	1990.00	1995.00	2000.00	2005.00	2010.00	2015.00	2020.00	2025.00	2030.00	2035.00	2040.00	2045.00	2050.00	2055.00	2060.00	2065.00	2070.00	2075.00	2080.00	2085.00	2090.00	2095.00	2100.00	2105.00	2110.00	2115.00	2120.00	2125.00	2130.00	2135.00	2140.00	2145.00	2150.00	2155.00	2160.00	2165.00	2170.00	2175.00	2180.00	2185.00	2190.00	2195.00	2200.00	2205.00	2210.00	2215.00	2220.00	2225.00	2230.00	2235.00	2240.00	2245.00	2250.00	2255.00	2260.00	2265.00	2270.00	2275.00	2280.00	2285.00	2290.00	2295.00	2300.00	2305.00	2310.00	2315.00	2320.00	2325.00	2330.00	2335.00	2340.00	2345.00	2350.00	2355.00	2360.00	2365.00	2370.00	2375.00	2380.00	2385.00	2390.00	2395.00	2400.00	2405.00	2410.00	2415.00	2420.00	2425.00	2430.00	2435.00	2440.00	2445.00	2450.00	2455.00	2460.00	2465.00	2470.00	2475.00	2480.00	2485.00	2490.00	2495.00	2500.00	2505.00	2510.00	2515.00	2520.00	2525.00	2530.00	2535.00	2540.00	2545.00	2550.00	2555.00	2560.00	2565.00	2570.00	2575.00	2580.00	2585.00	2590.00	2595.00	2600.00	2605.00	2610.00	2615.00	2620.00	2625.00	2630.00	2635.00	2640.00	2645.00	2650.00	2655.00	2660.00	2665.00	2670.00	2675.00	2680.00	2685.00	2690.00	2695.00	2700.00	2705.00	2710.00	2715.00	2720.00	2725.00	2730.00	2735.00	2740.00	2745.00	2750.00	2755.00	2760.00	2765.00	2770.00	2775.00	2780.00	2785.00	2790.00	2795.00	2800.00	2805.00	2810.00	2815.00	2820.00	2825.00	2830.00	2835.00	2840.00	2845.00	2850.00	2855.00	2860.00	2865.00	2870.00	2875.00	2880.00	2885.00	2890.00	2895.00	2900.00	2905.00	2910.00	2915.00	2920.00	2925.00	2930.00	2935.00	2940.00	2945.00	2950.00	2955.00	2960.00	2965.00	2970.00	2975.00	2980.00	2985.00	2990.00	2995.00	3000.00	3005.00	3010.00	3015.00	3020.00	3025.00	3030.00	3035.00	3040.00	3045.00	3050.00	3055.00	3060.00	3065.00	3070.00	3075.00	3080.00	3085.00	3090.00	3095.00	3100.00	3105.00	3110.00	3115.00	3120.00	3125.00	3130.00	3135.00	3140.00	3145.00	3150.00	3155.00	3160.00	3165.00	3170.00	3175.00	3180.00	3185.00	3190.00	3195.00	3200.00	3205.00	3210.00	3215.00	3220.00	3225.00	3230.00	3235.00	3240.00	3245.00	3250.00	3255.00	3260.00	3265.00	3270.00	3275.00	3280.00	3285.00	3290.00	3295.00	3300.00	3305.00	3310.00	3315.00	3320.00	3325.00	3330.00	3335.00	3340.00	3345.00	3350.00	3355.00	3360.00	3365.00	3370.00	3375.00	3380.00	3385.00	3390.00	3395.00	3400.00	3405.00	3410.00	3415.00	3420.00	3425.00	3430.00	3435.00	3440.00	3445.00	3450.00	3455.00	3460.00	3465.00	3470.00	3475.00	3480.00	3485.00	3490.00	3495.00	3500.00	3505.00	3510.00	3515.00	3520.00	3525.00	3530.00	3535.00	3540.00	3545.00	3550.00	3555.00	3560.00	3565.00	3570.00	3575.00	3580.00	3585.00	3590.00	3595.00	3600.00	3605.00	3610.00	3615.00	3620.00	3625.00	3630.00	3635.00	3640.00	3645.00	3650.00	3655.00	3660.00	3665.00	3670.00	3675.00	3680.00	3685.00	3690.00	3695.00	3700.00	3705.00	3710.00	3715.00	3720.00	3725.00	3730.00	3735.00	3740.00	3745.00	3750.00	3755.00	3760.00	3765.00	3770.00	3775.00	3780.00	3785.00	3790.00	3795.00	3800.00	3805.00	3810.00	3815.00	3820.00	3825.00	3830.00	3835.00	3840.00	3845.00	3850.00	3855.00	3860.00	3865.00	3870.00	3875.00	3880.00	3885.00	3890.00	3895.00	3900.00	3905.00	3910.00	3915.00	3920.00	3925.00	3930.00	3935.00	3940.00	3945.00	3950.00	3955.00	3960.00	3965.00	3970.00	3975.00	3980.00	3985.00	3990.00	3995.00	4000.00	4005.00	4010.00	4015.00	4020.00	4025.00	4030.00	4035.00	4040.00	4045.00	4050.00	4055.00	4060.00	4065.00	4070.00	4075.00	4080.00	4085.00	4090.00	4095.00	4100.00	4105.00	4110.00	4115.00	4120.00	4125.00	4130.00	4135.00	4140.00	4145.00	4150.00	4155.00	4160.00	4165.00	4170.00	4175.00	4180.00	4185.00	4190.00	4195.00	4200.00	4205.00	4210.00	4215.00	4220.00	4225.00	4230.00	4235.00	4240.00	4245.00	4250.00	4255.00	4260.00	4265.00	4270.00	4275.00	4280.00	4285.00	4290.00	4295.00	4300.00	4305.00	4310.00	4315.00	4320.00	4325.00	4330.00	4335.00	4340.00	4345.00	4350.00	4355.00	4360.00	4365.00	4370.00	4375.00	4380.00	4385.00	4390.00	4395.00	4400.00	4405.00	4410.00	4415.00	4420.00	4425.00	4430.00	4435.00	4440.00	4445.00	4450.00	4455.00	4460.00	4465.00	4470.00	4475.00	4480.00	4485.00	4490.00	4495.00	4500.00	4505.00	4510.00	4515.00	4520.00	4525.00	4530.00	4535.00	4540.00	4545.00	4550.00	4555.00	4560.00	4565.00	4570.00	4575.00	4580.00	4585.00	4590.00	4595.00	4600.00	4605.00	4610.00	4615.00	4620.00	4625.00	4630.00	4635.00	4640.00	4645.00	4650.00	4655.00	4660.00	4665.00	4670.00	4675.00	4680.00	4685.00	4690.00	4695.00	4700.00	4705.00	4710.00	4715.00	4720.00	4725.00	4730.00	4735.00	4740.00	4745.00	4750.00	4755.00	4760.00	4765.00	4770.00	4775.00	4780.00	4785.00	4790.00	4795.00	4800.00	4805.00	4810.00	4815.00	4820.00	4825.00	4830.00	4835.00	4840.00	4845.00	4850.00	4855.00	4860.00	4865.00	4870.00	4875.00	4880.00	4885.00	4890.00	4895.00	4900.00	4905.00	4910.00	4915.00	4920.00	4925.00	4930.00	4935.00	4940.00	4945.00	4950.00	4955.00	4960.00	4965.00	4970.00	4975.00	4980.00	4985.00	4990.00	4995.00	5000.00	5005.00	5010.00	5015.00	5020.00	5025.00	5030.00	5035.00	5040.00	5045.00	5050.00	5055.00	5060.00	5065.00	5070.00	5075.00	5080.00

1/ Hours reflect the workweek for which employees receive their regular straight-time salaries and the earnings correspond to these weekly hours.

2/ Workers were distributed as follows: 8 at \$115.00 - \$120.00; 10 at \$120.00 - \$125.00; 4 at \$125.00 - \$130.00; 2 at \$130.00 - \$135.00; 2 at \$135.00 - \$140.00; and 6 at \$140.00 - \$145.00.

3/ All workers were at \$120.00 - \$125.00.

* Transportation (excluding railroads), communication, and other public utilities.

Occupational Wage Survey, Minneapolis-St. Paul, Minn., November 1951
U.S. DEPARTMENT OF LABOR
Bureau of Labor Statistics

Table A-3: *Maintenance and Power Plant Occupations*

(Average hourly earnings 1/ for men in selected occupations studied on an area basis in Minneapolis-St. Paul, Minn., by industry division, November 1951)

Occupation and industry division	Number of workers	Average hourly earnings	NUMBER OF WORKERS RECEIVING STRAIGHT-TIME HOURLY EARNINGS OF—																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
			Under \$.25	.30	.35	.40	.45	.50	.55	.60	.65	.70	.75	.80	.85	.90	.95	1.00	1.05	1.10	1.15	1.20	1.25	1.30	1.35	1.40	1.45	1.50	1.55	1.60	1.65	1.70	1.75	1.80	1.85	1.90	1.95	2.00	2.05	2.10	2.15	2.20	2.25	2.30	2.35	2.40	2.45	2.50	2.55	2.60	and over																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
			\$	1.25	1.30	1.35	1.40	1.45	1.50	1.55	1.60	1.65	1.70	1.75	1.80	1.85	1.90	1.95	2.00	2.05	2.10	2.15	2.20	2.25	2.30	2.35	2.40	2.45	2.50	2.55	2.60	2.65	2.70	2.75	2.80	2.85	2.90	2.95	3.00	3.05	3.10	3.15	3.20	3.25	3.30	3.35	3.40	3.45	3.50	3.55	3.60	3.65	3.70	3.75	3.80	3.85	3.90	3.95	4.00	4.05	4.10	4.15	4.20	4.25	4.30	4.35	4.40	4.45	4.50	4.55	4.60	4.65	4.70	4.75	4.80	4.85	4.90	4.95	5.00	5.05	5.10	5.15	5.20	5.25	5.30	5.35	5.40	5.45	5.50	5.55	5.60	5.65	5.70	5.75	5.80	5.85	5.90	5.95	6.00	6.05	6.10	6.15	6.20	6.25	6.30	6.35	6.40	6.45	6.50	6.55	6.60	6.65	6.70	6.75	6.80	6.85	6.90	6.95	7.00	7.05	7.10	7.15	7.20	7.25	7.30	7.35	7.40	7.45	7.50	7.55	7.60	7.65	7.70	7.75	7.80	7.85	7.90	7.95	8.00	8.05	8.10	8.15	8.20	8.25	8.30	8.35	8.40	8.45	8.50	8.55	8.60	8.65	8.70	8.75	8.80	8.85	8.90	8.95	9.00	9.05	9.10	9.15	9.20	9.25	9.30	9.35	9.40	9.45	9.50	9.55	9.60	9.65	9.70	9.75	9.80	9.85	9.90	9.95	10.00	10.05	10.10	10.15	10.20	10.25	10.30	10.35	10.40	10.45	10.50	10.55	10.60	10.65	10.70	10.75	10.80	10.85	10.90	10.95	11.00	11.05	11.10	11.15	11.20	11.25	11.30	11.35	11.40	11.45	11.50	11.55	11.60	11.65	11.70	11.75	11.80	11.85	11.90	11.95	12.00	12.05	12.10	12.15	12.20	12.25	12.30	12.35	12.40	12.45	12.50	12.55	12.60	12.65	12.70	12.75	12.80	12.85	12.90	12.95	13.00	13.05	13.10	13.15	13.20	13.25	13.30	13.35	13.40	13.45	13.50	13.55	13.60	13.65	13.70	13.75	13.80	13.85	13.90	13.95	14.00	14.05	14.10	14.15	14.20	14.25	14.30	14.35	14.40	14.45	14.50	14.55	14.60	14.65	14.70	14.75	14.80	14.85	14.90	14.95	15.00	15.05	15.10	15.15	15.20	15.25	15.30	15.35	15.40	15.45	15.50	15.55	15.60	15.65	15.70	15.75	15.80	15.85	15.90	15.95	16.00	16.05	16.10	16.15	16.20	16.25	16.30	16.35	16.40	16.45	16.50	16.55	16.60	16.65	16.70	16.75	16.80	16.85	16.90	16.95	17.00	17.05	17.10	17.15	17.20	17.25	17.30	17.35	17.40	17.45	17.50	17.55	17.60	17.65	17.70	17.75	17.80	17.85	17.90	17.95	18.00	18.05	18.10	18.15	18.20	18.25	18.30	18.35	18.40	18.45	18.50	18.55	18.60	18.65	18.70	18.75	18.80	18.85	18.90	18.95	19.00	19.05	19.10	19.15	19.20	19.25	19.30	19.35	19.40	19.45	19.50	19.55	19.60	19.65	19.70	19.75	19.80	19.85	19.90	19.95	20.00	20.05	20.10	20.15	20.20	20.25	20.30	20.35	20.40	20.45	20.50	20.55	20.60	20.65	20.70	20.75	20.80	20.85	20.90	20.95	21.00	21.05	21.10	21.15	21.20	21.25	21.30	21.35	21.40	21.45	21.50	21.55	21.60	21.65	21.70	21.75	21.80	21.85	21.90	21.95	22.00	22.05	22.10	22.15	22.20	22.25	22.30	22.35	22.40	22.45	22.50	22.55	22.60	22.65	22.70	22.75	22.80	22.85	22.90	22.95	23.00	23.05	23.10	23.15	23.20	23.25	23.30	23.35	23.40	23.45	23.50	23.55	23.60	23.65	23.70	23.75	23.80	23.85	23.90	23.95	24.00	24.05	24.10	24.15	24.20	24.25	24.30	24.35	24.40	24.45	24.50	24.55	24.60	24.65	24.70	24.75	24.80	24.85	24.90	24.95	25.00	25.05	25.10	25.15	25.20	25.25	25.30	25.35	25.40	25.45	25.50	25.55	25.60	25.65	25.70	25.75	25.80	25.85	25.90	25.95	26.00	26.05	26.10	26.15	26.20	26.25	26.30	26.35	26.40	26.45	26.50	26.55	26.60	26.65	26.70	26.75	26.80	26.85	26.90	26.95	27.00	27.05	27.10	27.15	27.20	27.25	27.30	27.35	27.40	27.45	27.50	27.55	27.60	27.65	27.70	27.75	27.80	27.85	27.90	27.95	28.00	28.05	28.10	28.15	28.20	28.25	28.30	28.35	28.40	28.45	28.50	28.55	28.60	28.65	28.70	28.75	28.80	28.85	28.90	28.95	29.00	29.05	29.10	29.15	29.20	29.25	29.30	29.35	29.40	29.45	29.50	29.55	29.60	29.65	29.70	29.75	29.80	29.85	29.90	29.95	30.00	30.05	30.10	30.15	30.20	30.25	30.30	30.35	30.40	30.45	30.50	30.55	30.60	30.65	30.70	30.75	30.80	30.85	30.90	30.95	31.00	31.05	31.10	31.15	31.20	31.25	31.30	31.35	31.40	31.45	31.50	31.55	31.60	31.65	31.70	31.75	31.80	31.85	31.90	31.95	32.00	32.05	32.10	32.15	32.20	32.25	32.30	32.35	32.40	32.45	32.50	32.55	32.60	32.65	32.70	32.75	32.80	32.85	32.90	32.95	33.00	33.05	33.10	33.15	33.20	33.25	33.30	33.35	33.40	33.45	33.50	33.55	33.60	33.65	33.70	33.75	33.80	33.85	33.90	33.95	34.00	34.05	34.10	34.15	34.20	34.25	34.30	34.35	34.40	34.45	34.50	34.55	34.60	34.65	34.70	34.75	34.80	34.85	34.90	34.95	35.00	35.05	35.10	35.15	35.20	35.25	35.30	35.35	35.40	35.45	35.50	35.55	35.60	35.65	35.70	35.75	35.80	35.85	35.90	35.95	36.00	36.05	36.10	36.15	36.20	36.25	36.30	36.35	36.40	36.45	36.50	36.55	36.60	36.65	36.70	36.75	36.80	36.85	36.90	36.95	37.00	37.05	37.10	37.15	37.20	37.25	37.30	37.35	37.40	37.45	37.50	37.55	37.60	37.65	37.70	37.75	37.80	37.85	37.90	37.95	38.00	38.05	38.10	38.15	38.20	38.25	38.30	38.35	38.40	38.45	38.50	38.55	38.60	38.65	38.70	38.75	38.80	38.85	38.90	38.95	39.00	39.05	39.10	39.15	39.20	39.25	39.30	39.35	39.40	39.45	39.50	39.55	39.60	39.65	39.70	39.75	39.80	39.85	39.90	39.95	40.00	40.05	40.10	40.15	40.20	40.25	40.30	40.35	40.40	40.45	40.50	40.55	40.60	40.65	40.70	40.75	40.80	40.85	40.90	40.95	41.00	41.05	41.10	41.15	41.20	41.25	41.30	41.35	41.40	41.45	41.50	41.55	41.60	41.65	41.70	41.75	41.80	41.85	41.90	41.95	42.00	42.05	42.10	42.15	42.20	42.25	42.30	42.35	42.40	42.45	42.50	42.55	42.60	42.65	42.70	42.75	42.80	42.85	42.90	42.95	43.00	43.05	43.10	43.15	43.20	43.25	43.30	43.35	43.40	43.45	43.50	43.55	43.60	43.65	43.70	43.75	43.80	43.85	43.90	43.95	44.00	44.05	44.10	44.15	44.20	44.25	44.30	44.35	44.40	44.45	44.50	44.55	44.60	44.65	44.70	44.75	44.80	44.85	44.90	44.95	45.00	45.05	45.10	45.15	45.20	45.25	45.30	45.35	45.40	45.45	45.50	45.55	45.60	45.65	45.70	45.75	45.80	45.85	45.90	45.95	46.00	46.05	46.10	46.15	46.20	46.25	46.30	46.35	46.40	46.45	46.50	46.55	46.60	46.65	46.70	46.75	46.80	46.85	46.90	46.95	47.00	47.05	47.10	47.15	47.20	47.25	47.30	47.35	47.40	47.45	47.50	47.55	47.60	47.65	47.70	47.75	47.80	47.85	47.90	47.95	48.00	48.05	48.10	48.15	48.20	48.25	48.30	48.35	48.40	48.45	48.50	48.55	48.60	48.65	48.70	48.75	48.80	48.85	48.90	48.95	49.00	49.05	49.10	49.15	49.20	49.25	49.30	49.35	49.40	49.45	49.50	49.55	49.60	49.65	49.70	49.75	49.80	49.85	49.90	49.95	50.00	50.05	50.10	50.15	50.20	50.25	50.30	50.35	50.40	50.45	50.50	50.55	50.60	50.65	50.70	50.75	50.80	50.85	50.90	50.95	51.00	51.05	51.10	51.15	51.20	51.25	51.30	51.35	51.40	51.45	51.50	51.55	51.60	51.65	51.70	51.75	51.80	51.85	51.90	51.95	52.00	52.05	52.10	52.15	52.20	52.25	52.30	52.35	52.40	52.45	52.50	52.55	52.60	52.65	52.70	52.75	52.80	52.85	52.90	52.95	53.00	53.05	53.10	53.15	53.20	53.25	53.30	53.35	53.40	53.45	53.50	53.55	53.60	53.65	53.70	53.75	53.80	53.85	53.90	53.95

Table A-3: *Maintenance and Power Plant Occupations - Continued*

(Average hourly earnings 1/ for men in selected occupations studied on an area basis in Minneapolis-St. Paul, Minn., by industry division, November 1951)

Occupation and industry division	Number of workers	Average hourly earnings	NUMBER OF WORKERS RECEIVING STRAIGHT-TIME HOURLY EARNINGS OF-																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
			Under \$	\$.25	\$.30	\$.35	\$.40	\$.45	\$.50	\$.55	\$.60	\$.65	\$.70	\$.75	\$.80	\$.85	\$.90	\$.95	\$ 1.00	\$ 1.05	\$ 1.10	\$ 1.15	\$ 1.20	\$ 1.25	\$ 1.30	\$ 1.35	\$ 1.40	\$ 1.50	\$ 1.60	\$ 1.70	\$ 1.80	\$ 1.90	\$ 2.00	\$ 2.10	\$ 2.20	\$ 2.30	\$ 2.40	\$ 2.50	\$ 2.60	\$ 2.70 and over																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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See footnotes at end of table.

* Transportation (excluding railroads), communication, and other public utilities.

** Finance, insurance, and real estate.

Table A-3: *Maintenance and Power Plant Occupations - Continued*

(Average hourly earnings 1/ for men in selected occupations studied on an area basis in Minneapolis-St. Paul, Minn., by industry division, November 1951)

Occupation and industry division	Number of workers	Average hourly earnings	NUMBER OF WORKERS RECEIVING STRAIGHT-TIME HOURLY EARNINGS OF—																												
			Under \$	\$1.25	\$1.30	\$1.35	\$1.40	\$1.45	\$1.50	\$1.55	\$1.60	\$1.65	\$1.70	\$1.75	\$1.80	\$1.85	\$1.90	\$1.95	\$2.00	\$2.05	\$2.10	\$2.15	\$2.20	\$2.25	\$2.30	\$2.35	\$2.40	\$2.50	\$2.60	\$2.60 and over	
			\$	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			1.25	1.30	1.35	1.40	1.45	1.50	1.55	1.60	1.65	1.70	1.75	1.80	1.85	1.90	1.95	2.00	2.05	2.10	2.15	2.20	2.25	2.30	2.35	2.40	2.50	2.60			
Oilers	302	\$1.59	2	-	4	5	19	95	14	52	15	6	2	60	2	18	2	-	6	-	-	-	-	-	-	-	-	-	-	-	-
Manufacturing	193	1.56	2	-	4	4	19	93	7	14	10	6	2	4	2	18	2	-	6	-	-	-	-	-	-	-	-	-	-	-	-
Durable goods	40	1.53	-	-	-	4	7	15	4	-	4	-	-	1	-	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nondurable goods	153	1.57	2	-	4	-	12	78	3	14	6	6	1	4	-	15	2	-	6	-	-	-	-	-	-	-	-	-	-	-	-
Nonmanufacturing	109	1.65	-	-	-	1	-	2	7	38	5	-	-	56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Public utilities *	100	1.67	-	-	-	-	-	2	-	38	4	-	-	56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Painters, maintenance	274	2.06	-	-	-	-	3	6	5	-	3	19	21	19	10	2	15	5	3	4	4	9	34	78	-	7	3	24	-	-	
Manufacturing	81	1.83	-	-	-	-	1	5	-	-	1	9	21	12	2	2	10	-	2	3	1	9	-	3	-	-	-	-	-	-	-
Durable goods	33	1.82	-	-	-	-	1	1	-	-	-	1	11	5	-	-	10	-	-	3	1	-	-	-	-	-	-	-	-	-	-
Nondurable goods	48	1.83	-	-	-	-	-	4	-	-	1	8	10	7	2	2	-	-	2	-	-	9	-	3	-	-	-	-	-	-	-
Nonmanufacturing	193	2.16	-	-	-	-	2	1	5	-	2	10	-	7	8	-	5	5	1	1	3	-	34	75	-	7	3	24	-	-	
Public utilities *	16	1.83	-	-	-	-	-	1	-	-	-	-	-	4	6	-	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-
Retail trade	50	2.17	-	-	-	-	-	-	1	-	2	-	-	3	1	-	-	-	1	-	3	-	1	35	-	-	3	-	-	-	-
Finance **	73	2.26	-	-	-	-	-	-	-	-	-	-	-	-	1	-	5	-	-	1	-	33	18	-	3	-	-	12	-	-	-
Services	38	2.06	-	-	-	-	-	-	4	-	-	8	-	-	-	-	-	-	-	-	-	-	22	-	4	-	-	-	-	-	-
Pipe fitters, maintenance	94	2.06	-	-	-	-	-	-	6	-	-	3	3	2	1	3	7	10	20	1	1	14	-	10	-	-	-	-	13	-	-
Manufacturing	74	2.02	-	-	-	-	-	-	6	-	-	-	3	2	1	3	6	10	20	1	1	13	-	-	-	-	-	-	8	-	-
Durable goods	40	1.98	-	-	-	-	-	-	2	-	-	-	3	2	1	-	1	10	10	1	1	9	-	-	-	-	-	-	-	-	-
Nondurable goods	34	2.07	-	-	-	-	-	-	4	-	-	-	-	-	-	3	5	-	10	-	-	4	-	-	-	-	-	-	8	-	-
Nonmanufacturing	20	2.22	-	-	-	-	-	-	-	-	-	3	-	-	-	-	1	-	-	-	-	1	-	10	-	-	-	-	5	-	-
Plumbers, maintenance	42	2.04	-	-	-	-	-	-	1	1	-	2	8	5	2	1	4	-	-	-	-	3	-	3	-	-	-	2	10	-	-
Manufacturing	23	2.05	-	-	-	-	-	-	-	-	-	8	4	1	-	-	-	-	-	-	2	-	-	-	-	-	2	6	-	-	-
Nonmanufacturing	19	2.04	-	-	-	-	-	-	1	1	-	2	-	1	1	1	4	-	-	-	1	-	3	-	-	-	-	-	4	-	-
Sheet-metal workers, maintenance	54	1.84	-	-	-	-	-	-	-	2	1	1	6	2	20	10	3	-	6	1	-	2	-	-	-	-	-	-	-	-	-
Manufacturing	44	1.83	-	-	-	-	-	-	-	2	1	1	6	2	19	1	3	-	6	1	-	2	-	-	-	-	-	-	-	-	-
Durable goods	23	1.88	-	-	-	-	-	-	-	1	1	1	2	2	3	1	3	-	6	1	-	2	-	-	-	-	-	-	-	-	-
Nondurable goods	21	1.77	-	-	-	-	-	-	-	1	-	-	4	-	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tool-and-die makers	412	2.12	-	-	-	-	-	-	-	-	-	1	-	7	9	3	13	38	56	32	80	36	74	26	-	37	-	-	-	-	-
Manufacturing	406	2.13	-	-	-	-	-	-	-	-	-	1	-	7	9	3	13	32	56	32	80	36	74	26	-	37	-	-	-	-	-

1/ Excludes premium pay for overtime and night work.

2/ All workers were at \$2.90 - \$3.00.

3/ All workers were at \$2.70 - \$2.80.

* Transportation (excluding railroads), communication, and other public utilities.

** Finance, insurance, and real estate.

Table A-4: *Custodial, Warehousing, and Shipping Occupations*

(Average hourly earnings 1/ for selected occupations 2/ studied on an area basis in Minneapolis-St. Paul, Minn., by industry division, November 1951)

Occupation and industry division	Number of workers	Average hourly earnings	NUMBER OF WORKERS RECEIVING STRAIGHT-TIME HOURLY EARNINGS OF—																										
			Under \$	\$.80	\$.85	\$.90	\$.95	\$ 1.00	\$ 1.05	\$ 1.10	\$ 1.15	\$ 1.20	\$ 1.25	\$ 1.30	\$ 1.35	\$ 1.40	\$ 1.45	\$ 1.50	\$ 1.55	\$ 1.60	\$ 1.65	\$ 1.70	\$ 1.75	\$ 1.80	\$ 1.85	\$ 1.90	\$ 1.95	\$ 2.00	\$ 2.05 and over
			\$.80	.85	.90	.95	1.00	1.05	1.10	1.15	1.20	1.25	1.30	1.35	1.40	1.45	1.50	1.55	1.60	1.65	1.70	1.75	1.80	1.85	1.90	1.95	2.00	2.05	over
Crane operators, electric bridge (under 20 tons)	195	1.54	-	-	-	-	-	-	-	-	-	-	-	-	-	1	54	8	35	50	12	12	8	13	2	-	-	-	-
Manufacturing	181	1.52	-	-	-	-	-	-	-	-	-	-	-	-	-	1	54	8	35	50	12	12	7	-	2	-	-	-	-
Crane operators, electric bridge (20 tons and over) .	18	1.64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	6	-	8	-	-	-	-	-	-	-
Manufacturing	18	1.64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	6	-	8	-	-	-	-	-	-	-
Durable goods	18	1.64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	6	-	8	-	-	-	-	-	-	-
Guards	337	1.42	-	-	-	8	1	1	2	-	5	3	10	54	98	46	19	18	10	40	15	3	4	-	-	-	-	-	-
Manufacturing	268	1.44	-	-	-	-	-	1	2	-	2	3	7	49	69	44	18	14	-	37	15	3	4	-	-	-	-	-	-
Durable goods	238	1.45	-	-	-	-	-	-	-	-	-	3	7	30	69	44	13	14	-	37	13	3	4	-	-	-	-	-	-
Nondurable goods	30	1.34	-	-	-	-	-	1	2	-	1	-	-	19	-	-	5	-	-	2	-	-	-	-	-	-	-	-	-
Nonmanufacturing	69	1.35	-	-	-	8	1	-	-	-	3	-	3	5	29	2	1	4	10	3	-	-	-	-	-	-	-	-	-
Finance **	38	1.34	-	-	-	8	-	-	-	-	3	-	3	5	-	1	1	4	10	3	-	-	-	-	-	-	-	-	-
Janitors, porters, and cleaners (men)	2,539	1.19	52	119	67	176	123	167	105	109	311	165	350	171	166	276	66	63	21	32	-	-	-	-	-	-	-	-	-
Manufacturing	999	1.34	-	-	2	-	2	9	12	31	17	86	248	118	120	218	35	49	20	32	-	-	-	-	-	-	-	-	-
Durable goods	639	1.35	-	-	-	-	2	-	-	-	11	4	47	179	92	73	171	21	13	-	26	-	-	-	-	-	-	-	-
Nondurable goods	360	1.33	-	-	2	-	-	-	9	12	20	13	39	69	26	47	47	14	36	20	6	-	-	-	-	-	-	-	-
Nonmanufacturing	1,540	1.08	52	119	65	176	121	158	93	78	294	79	102	53	46	58	31	14	1	-	-	-	-	-	-	-	-	-	-
Public utilities *	182	1.28	-	2	-	-	-	23	9	3	10	21	32	17	6	28	21	10	-	-	-	-	-	-	-	-	-	-	-
Wholesale trade	124	1.19	5	-	-	9	21	-	-	14	5	4	12	16	16	19	-	3	-	-	-	-	-	-	-	-	-	-	-
Retail trade	608	1.07	20	25	26	94	22	74	76	32	139	15	46	12	7	10	10	-	-	-	-	-	-	-	-	-	-	-	-
Finance **	398	1.06	4	72	12	47	20	17	3	17	131	39	12	6	17	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Services	228	.95	23	20	27	26	58	44	5	12	9	-	-	2	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-
Janitors, porters, and cleaners (women)	924	.97	66	120	171	35	63	301	53	34	13	14	23	16	1	14	-	-	-	-	-	-	-	-	-	-	-	-	-
Manufacturing	139	1.14	-	-	24	6	2	6	11	18	11	13	19	16	1	12	-	-	-	-	-	-	-	-	-	-	-	-	-
Durable goods	30	1.32	-	-	-	-	-	-	-	-	-	1	9	6	1	1	12	-	-	-	-	-	-	-	-	-	-	-	-
Nondurable goods	109	1.10	-	-	24	6	2	6	11	18	10	4	13	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nonmanufacturing	785	.94	66	120	147	29	61	295	42	16	2	1	4	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Wholesale trade	10	1.10	-	-	-	-	2	3	-	1	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Retail trade	117	.90	8	46	3	15	21	11	-	12	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Finance **	561	.95	44	50	137	-	6	279	42	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Services	57	.85	14	24	5	10	-	2	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Order fillers	2,175	1.33	-	-	55	98	70	111	89	17	40	123	32	65	332	487	330	104	161	4	13	42	-	-	2	-	-	-	-
Manufacturing	365	1.40	-	-	-	9	-	4	-	-	11	10	25	25	46	61	125	34	9	-	5	-	-	-	1	-	-	-	-
Durable goods	159	1.43	-	-	-	-	-	-	-	-	-	10	9	-	22	42	49	18	9	-	-	-	-	-	-	-	-	-	-
Nondurable goods	206	1.38	-	-	-	9	-	4	-	-	11	-	16	25	24	19	76	16	-	-	5	-	-	-	1	-	-	-	-
Nonmanufacturing	1,810	1.32	-	-	55	89	70	107	89	17	29	113	7	40	286	426	205	70	152	4	8	42	-	-	-	-	-	-	-
Wholesale trade	1,177	1.40	-	-	-	-	-	40	14	14	20	35	6	32	265	406	154	60	129	2	-	-	-	-	-	-	-	-	-
Retail trade	559	1.10	-	-	53	89	70	67	75	3	9	78	1	-	20	20	51	5	6	-	-	12	-	-	-	-	-	-	-

See footnotes at end of table.

* Transportation (excluding railroads), communication, and other public utilities.
** Finance, insurance, and real estate.Occupational Wage Survey, Minneapolis-St. Paul, Minn., November 1951
U.S. DEPARTMENT OF LABOR
Bureau of Labor Statistics

Table A-4: *Custodial, Warehousing, and Shipping Occupations - Continued*

(Average hourly earnings 1/ for selected occupations 2/ studied on an area basis in Minneapolis-St. Paul, Minn., by industry division, November 1951)

Occupation and industry division	Number of workers	Average hourly earnings	NUMBER OF WORKERS RECEIVING STRAIGHT-TIME HOURLY EARNINGS OF—																												
			Under \$	\$.80	\$.85	\$.90	\$.95	\$ 1.00	\$ 1.05	\$ 1.10	\$ 1.15	\$ 1.20	\$ 1.25	\$ 1.30	\$ 1.35	\$ 1.40	\$ 1.45	\$ 1.50	\$ 1.55	\$ 1.60	\$ 1.65	\$ 1.70	\$ 1.75	\$ 1.80	\$ 1.85	\$ 1.90	\$ 1.95	\$ 2.00	\$ 2.05		
			\$	80	85	90	95	1.00	1.05	1.10	1.15	1.20	1.25	1.30	1.35	1.40	1.45	1.50	1.55	1.60	1.65	1.70	1.75	1.80	1.85	1.90	1.95	2.00	2.05	and over	
Packers (men)	1,279	\$ 1.37	8	3	27	1	22	40	12	6	25	44	158	93	166	333	128	27	53	125	-	8	-	-	-	-	-	-	-	-	
Manufacturing	608	1.39	-	-	2	-	-	7	9	-	3	15	141	68	105	54	65	19	22	90	-	8	-	-	-	-	-	-	-	-	
Durable goods	271	1.38	-	-	2	-	-	5	-	-	-	11	59	35	33	23	65	10	22	6	-	-	-	-	-	-	-	-	-	-	
Nondurable goods	337	1.40	-	-	-	-	-	2	9	-	3	4	82	33	72	31	9	-	84	-	8	-	-	-	-	-	-	-	-	-	
Nonmanufacturing	671	1.34	8	3	25	1	22	33	3	6	22	29	17	25	61	279	63	8	31	35	-	-	-	-	-	-	-	-	-	-	
Wholesale trade	545	1.39	-	-	15	-	14	14	-	-	20	25	5	8	48	264	60	7	30	35	-	-	-	-	-	-	-	-	-	-	
Retail trade	115	1.15	8	3	10	1	8	19	3	6	2	4	12	6	13	15	3	1	1	-	-	-	-	-	-	-	-	-	-	-	
Packers (women)	948	1.07	12	14	74	32	15	19	225	111	136	7	75	50	3	-	9	8	16	1	-	2	-	1	1	1	1	1	-	-	
Manufacturing	578	1.14	-	-	46	10	4	-	168	69	133	6	73	47	-	-	7	15	-	-	-	-	-	-	-	-	-	-	-	-	
Nonmanufacturing	370	.97	12	14	28	22	11	19	57	42	3	1	2	3	3	-	9	1	1	1	-	2	-	1	1	1	1	1	-	-	
Retail trade	181	.93	11	59	22	11	10	19	44	1	1	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Receiving clerks	537	1.48	2	-	-	2	-	-	15	21	13	20	9	32	32	46	95	67	70	21	12	17	36	7	10	4	-	3	3	-	
Manufacturing	252	1.52	-	-	-	-	-	-	-	-	11	1	-	25	25	22	33	36	42	12	6	12	6	7	7	4	-	-	3	-	
Durable goods	124	1.58	-	-	-	-	-	-	-	-	-	1	-	10	1	7	26	40	8	6	-	6	-	7	4	-	-	-	-	-	
Nondurable goods	128	1.46	-	-	-	-	-	-	-	-	11	-	-	15	24	15	26	10	2	4	-	12	6	-	3	-	-	-	-	-	
Nonmanufacturing	285	1.45	2	-	-	2	-	-	15	21	2	19	9	7	7	24	62	31	28	9	6	5	30	-	3	-	-	3	-	-	
Public utilities *	23	1.71	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	1	1	5	4	6	-	-	-	-	-	-	-	-	
Wholesale trade	150	1.47	-	-	-	-	-	-	14	14	-	5	-	-	6	44	19	14	6	1	-	24	-	3	-	-	-	-	-	-	
Retail trade	101	1.39	-	-	-	-	-	-	7	1	12	9	6	7	17	15	11	13	2	-	1	-	-	-	-	-	-	-	-	-	
Services	11	1.13	2	-	-	2	-	-	1	-	1	2	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	
Shipping clerks	477	1.51	-	-	-	4	7	15	14	1	2	3	3	10	42	36	53	70	91	36	20	16	37	1	4	-	1	5	6	-	
Manufacturing	206	1.53	-	-	-	4	5	-	-	-	2	-	1	8	33	25	16	23	14	29	15	13	5	1	1	-	-	5	6	-	
Durable goods	115	1.51	-	-	-	4	5	-	-	-	-	-	1	1	17	19	1	17	12	19	1	6	5	1	1	-	-	-	-	-	
Nondurable goods	91	1.56	-	-	-	-	-	-	-	-	2	-	-	7	16	6	15	6	2	10	14	7	-	-	-	-	-	-	-	-	
Nonmanufacturing	271	1.49	-	-	-	-	2	15	14	1	-	3	2	2	9	11	37	47	77	7	5	3	32	-	3	-	1	-	-	-	
Wholesale trade	200	1.50	-	-	-	-	-	15	14	-	-	1	-	-	-	6	26	38	58	4	2	1	31	-	3	-	1	-	-	-	
Retail trade	63	1.46	-	-	-	-	2	-	-	1	-	2	2	1	9	5	11	8	18	3	-	-	1	-	-	-	-	-	-	-	
Shipping-and-receiving clerks	589	1.41	-	8	-	-	23	3	4	58	42	4	25	29	50	20	58	71	46	108	1	25	3	3	8	-	-	-	-	-	-
Manufacturing	172	1.54	-	-	-	-	-	-	-	-	-	2	6	20	-	3	16	28	5	80	-	1	-	3	8	-	-	-	-	-	-
Durable goods	42	1.49	-	-	-	-	-	-	-	-	-	2	-	2	-	3	13	16	4	-	-	1	-	1	-	-	-	-	-	-	-
Nondurable goods	130	1.56	-	-	-	-	-	-	-	-	-	-	6	18	-	-	3	12	1	80	-	-	-	2	8	-	-	-	-	-	-
Nonmanufacturing	417	1.35	-	8	-	-	23	3	4	58	42	2	19	9	50	17	42	43	41	28	1	24	3	-	-	-	-	-	-	-	-
Wholesale trade	203	1.43	-	-	-	-	-	-	-	-	-	18	-	-	39	-	8	40	15	28	-	17	-	-	-	-	-	-	-	-	-
Retail trade	109	1.38	-	8	-	-	-	-	-	9	4	2	-	2	11	16	34	3	20	-	-	-	-	-	-	-	-	-	-	-	-
Stock handlers and truckers, hand	3,989	1.40	10	14	34	14	32	83	18	134	50	99	275	185	639	753	571	740	127	35	19	108	42	6	-	-	1	-	-	-	-
Manufacturing	1,719	1.42	-	-	-	2	-	-	-	28	16	73	141	142	354	246	157	368	52	21	13	75	30	-	-	-	-	1	-	-	-
Durable goods	875	1.41	-	-	-	-	-	-	-	10	10	42	38	76	196	220	145	48	44	15	-	-	-	-	-	-	-	-	-	-	-
Nondurable goods	844	1.43	-	-	-	2	-	-	-	18	6	31	103	66	158	26	12	320	8	6	13	75	-	-	-	-	-	-	-	-	-
Nonmanufacturing	2,270	1.39	10	14	34	12	32	83	18	106	34	26	134	43	285	507	414	372	75	14	6	33	12	6	-	-	-	-	-	-	-
Public utilities *	549	1.39	-	-	-	-	-	43	-	30	-	-	60	-	-	113	288	10	5	-	-	-	-	-	-	-	-	-	-	-	-
Wholesale trade	1,052	1.43	-	-	21	-	-	14	1	28	-	7	29	11	281	260	61	273	39	3	5	19	-	-	-	-	-	-	-	-	-
Retail trade	657	1.32	10	14	13	10	32	26	17	48	25	19	44	32	4	134	65	89	31	11	1	14	12	6	-	-	-	-	-	-	-

See footnotes at end of table.

* Transportation (excluding railroads), communication, and other public utilities.

Table A-4: *Custodial, Warehousing, and Shipping Occupations - Continued*

(Average hourly earnings 1/ for selected occupations 2/ studied on an area basis in Minneapolis-St. Paul, Minn., by industry division, November 1951)

Occupation and industry division	Number of workers	Average hourly earnings	NUMBER OF WORKERS RECEIVING STRAIGHT-TIME HOURLY EARNINGS OF—																					
			Under \$	\$.80	\$.85	\$.90	\$.95	\$ 1.00	\$ 1.05	\$ 1.10	\$ 1.15	\$ 1.20	\$ 1.25	\$ 1.30	\$ 1.35	\$ 1.40	\$ 1.45	\$ 1.50	\$ 1.55	\$ 1.60	\$ 1.65	\$ 1.70	\$ 1.75	\$ 1.80
			\$																					
Truck drivers, light (under 1½ tons)	611	1.62					15	1	1	2	1			10		10	56	111	217	17	12	2	46	6
Nonmanufacturing	468	1.54					15	1	1	2	1			10		10	55	97	213	11	2	1	43	6
Public utilities *	83	1.54							1	2	1						24	30		8	2	1	14	
Wholesale trade	186	1.53						1								9	30	15	128	3				
Retail trade	137	1.52					15							10			1	2	85			18	6	
Services	62	1.56														1		50				11		
Truck drivers, medium (1½ to and including 4 tons) ...	1,762	1.55										13	23	26	16	10	519	317	579	85	14	2	92	47
Manufacturing	308	1.65											8		3	5	32	14	56	12	13	2	80	47
Durable goods	99	1.54											8			4	17	27	17	12	11		3	
Nondurable goods	209	1.70													3	1	15	17	39		2	2	77	47
Nonmanufacturing	1,454	1.53										13	15	26	13	5	487	273	523	73	1		12	4
Public utilities *	895	1.52												18			434	115	326				1	1
Wholesale trade	351	1.50										13	15		13	5	52	100	123	30				1
Retail trade	175	1.61														1	46	67	43			10		
Services	23	1.60																12	7		1			3
Truck drivers, heavy (over 4 tons, trailer type)	420	1.53													36		209	2	88	77		4	4	
Nonmanufacturing	365	1.54															206		78	77		3	2	
Public utilities *	189	1.50															184					3	2	
Retail trade	99	1.56															20		71	8				
Truck drivers, heavy (over 4 tons, other than trailer type)	320	1.56														1	19	193	11	51	43	1		1
Nonmanufacturing	195	1.54															1	92	9	51	1	1		
Truckers, power (fork-lift)	445	1.51						3						2	21	26	200	107	28	20	4	19		15
Manufacturing	276	1.51						3						2	21	25	97	81	3	7	3	19		15
Durable goods	168	1.55													5	9	56	57	3	7	1	15		15
Nondurable goods	108	1.45						3						2	16	16	41	24			2	4		
Nonmanufacturing	169	1.51															103	26	25	13	1			
Public utilities *	124	1.49															98	25	1					
Wholesale trade	35	1.57															5	1	16	13				
Retail trade	10	1.56														1			8		1			
Truckers, power (other than fork-lift)	82	1.41											32	2		7	16	18	1	6				
Manufacturing	78	1.41											32	2		3	16	18	1	6				
Watchmen	528	1.30	4	12	14	3	12	57	6	27	17	12	48	84	63	69	19	36		13	23			
Manufacturing	295	1.38					9		5	24	4	8	30	59	24	42	16	3	36		13	22		
Durable goods	146	1.30					9			10			23	46	21	16	16							
Nondurable goods	149	1.46								14	4	8	7	13	3	26		3	36		13	22		
Nonmanufacturing	233	1.19	4	12	14	3	3	57	1	3	13	4	18	25	39	27	3	6			1			
Public utilities *	64	1.30						12					2	14	26	7		3						
Wholesale trade	70	1.23						31				2	4	2	8	20		3						
Retail trade	59	1.07	3	12	12		3			3	1	2	11	8	1		3							
Finance **	31	1.14						13			12		1	1	4									

1/ Excludes premium pay for overtime and night work.

2/ Study limited to men workers except where otherwise indicated.

* Transportation (excluding railroads), communication, and other public utilities.

** Finance, insurance, and real estate.

B: Characteristic Industry Occupations

Table B-204: *Grain Milling* ^{1/}

Occupation ^{2/}	Number of workers	Average hourly earnings ^{3/}	NUMBER OF WORKERS RECEIVING STRAIGHT-TIME HOURLY EARNINGS OF—										
			\$ 1.35 and under 1.40	\$ 1.40	\$ 1.45	\$ 1.50	\$ 1.55	\$ 1.60	\$ 1.65	\$ 1.70	\$ 1.75	\$ 1.80	\$ 1.85
Bolters	10	\$ 1.68	-	-	-	-	-	3	7	-	-	-	-
Grain-elevator operators	16	1.61	-	-	-	-	2	14	-	-	-	-	-
Millers, flour	19	1.76	-	-	-	-	-	-	3	-	13	3	-
Oilers	43	1.50	-	3	33	3	3	-	-	1	-	-	-
Packers, flour	114	1.59	-	-	-	9	3	102	-	-	-	-	-
Packers, feed	41	1.59	-	-	-	16	3	19	-	-	-	-	-
Smitters	13	1.54	-	-	-	12	1	-	-	-	-	3	-
Stock handlers and truckers, hand	222	1.51	-	-	16	206	-	-	-	-	-	-	-
Sweepers	91	1.44	2	89	-	-	-	-	-	-	-	-	-
Watchmen	10	1.44	-	10	-	-	-	-	-	-	-	-	-

^{1/} The study included establishments with more than 20 workers engaged in the manufacture of flour and other grain mill products (Group 2041) as defined in the Standard Industrial Classification Manual (1945 edition) prepared by the Bureau of the Budget.

^{2/} Data limited to men workers; all workers were paid on a time basis.

^{3/} Excludes premium pay for overtime and night work.

Table B-2431: *Millwork* ^{1/}

Occupation ^{2/}	Number of workers	Average hourly earnings ^{3/}	NUMBER OF WORKERS RECEIVING STRAIGHT-TIME HOURLY EARNINGS OF—																			
			Under	\$ 1.20	\$ 1.25	\$ 1.30	\$ 1.35	\$ 1.40	\$ 1.45	\$ 1.50	\$ 1.55	\$ 1.60	\$ 1.65	\$ 1.70	\$ 1.75	\$ 1.80	\$ 1.85	\$ 1.90	\$ 1.95	\$ 2.00	\$ 2.05	\$ 2.10
			\$ 1.20	1.25	1.30	1.35	1.40	1.45	1.50	1.55	1.60	1.65	1.70	1.75	1.80	1.85	1.90	1.95	2.00	2.05	2.10	2.15
Assemblers, sash, door, and frame	70	\$ 1.54	-	-	-	-	-	9	5	22	18	10	3	2	1	-	-	-	-	-	-	-
Cabinetmakers (millwork)	64	1.71	-	-	-	-	-	-	-	-	-	48	10	2	1	2	-	1	-	-	-	-
Cut-off-saw operators (treadle-operated or swinging)	25	1.57	-	-	-	4	-	1	-	1	7	6	3	3	-	-	-	-	-	-	-	-
Molder and sticker operators (set-up and operate)	46	1.63	-	-	-	-	-	-	-	1	4	8	25	6	1	-	-	-	-	-	-	1
Molder and sticker operators (feed only)	10	1.55	-	-	-	-	-	4	-	1	-	1	1	1	-	-	-	-	-	-	-	-
Off-bearers, machine	22	1.41	1	-	-	-	-	16	4	-	3	1	9	1	-	-	-	-	-	-	-	-
Planer operators (set-up and operate)	27	1.52	-	-	-	-	12	1	-	-	-	3	1	3	2	-	-	-	-	-	-	-
Rip-saw operators	20	1.56	-	-	-	2	-	-	-	-	13	3	6	2	-	-	-	-	-	-	-	-
Stock handlers and truckers, hand	84	1.41	-	-	16	-	20	17	19	4	2	6	-	-	-	-	-	-	-	-	-	-
Truck drivers, light (under 1½ tons)	7	1.52	-	-	-	-	-	-	1	6	-	-	-	-	-	-	-	-	-	-	-	-

^{1/} The study included establishments with more than 20 workers engaged in the production of millwork (Group 2431) as defined in the Standard Industrial Classification Manual (1945 edition) prepared by the Bureau of the Budget.

^{2/} Data limited to men workers; all workers were paid on a time basis.

^{3/} Excludes premium pay for overtime and night work.

Occupational Wage Survey, Minneapolis-St. Paul, Minn., November 1951
U.S. DEPARTMENT OF LABOR
Bureau of Labor Statistics

Table B-336: *Foundries, Nonferrous* 1/

Occupation 2/	Number of workers	Average hourly earnings	NUMBER OF WORKERS RECEIVING STRAIGHT-TIME HOURLY EARNINGS OF--																	
			\$ 1.15 and under	\$ 1.20	\$ 1.25	\$ 1.30	\$ 1.35	\$ 1.40	\$ 1.45	\$ 1.50	\$ 1.55	\$ 1.60	\$ 1.65	\$ 1.70	\$ 1.75	\$ 1.80	\$ 1.85	\$ 1.90	\$ 1.95	\$ 2.00
			1.20	1.25	1.30	1.35	1.40	1.45	1.50	1.55	1.60	1.65	1.70	1.75	1.80	1.85	1.90	1.95	2.00	2.05
Chippers and grinders	75	\$ 1.51	-	1	2	2	5	20	2	2	-	41	-	-	-	-	-	-	-	-
Coremakers, hand	14	1.76	-	-	-	-	-	-	-	-	-	-	3	4	1	6	-	-	-	-
Furnace tenders	18	1.69	-	-	-	-	1	-	3	1	2	-	2	3	-	-	-	-	6	-
Molders, hand, bench	22	1.72	-	-	-	-	-	-	-	-	-	-	-	7	11	2	-	-	-	2
Molders, floor	7	1.71	-	-	-	-	-	-	-	-	-	-	-	1	4	2	-	-	-	-
Molders, machine	60	1.74	-	-	-	-	-	1	6	-	-	-	9	14	-	-	30	-	-	-
Sand mixers	8	1.54	1	-	-	-	-	-	3	-	1	-	-	-	3	-	-	-	-	-
Shake-out men	32	1.42	4	-	-	2	13	1	2	-	-	10	-	-	-	-	-	-	-	-

1/ The study covered independent nonferrous foundries (except die-casting foundries) with 8 or more workers. Data relate to an August 1951 payroll period.

2/ Data limited to men workers; all workers were paid on a time basis.

Table B-344: *Sheet-Metal Work* 1/

Occupation 2/	Number of workers	Average hourly earnings	NUMBER OF WORKERS RECEIVING STRAIGHT-TIME HOURLY EARNINGS OF--																	
			Under \$ 1.05	\$ 1.05	\$ 1.10	\$ 1.15	\$ 1.20	\$ 1.25	\$ 1.30	\$ 1.35	\$ 1.40	\$ 1.45	\$ 1.50	\$ 1.55	\$ 1.60	\$ 1.65	\$ 1.70	\$ 1.75	\$ 1.80	\$ 1.85
			1.05	1.10	1.15	1.20	1.25	1.30	1.35	1.40	1.45	1.50	1.55	1.60	1.65	1.70	1.75	1.80	1.85	1.90
Assemblers, class A	11	\$ 1.73	-	-	-	-	-	-	-	-	-	-	2	5	-	1	1	-	-	-
Assemblers, class B	49	1.45	-	-	-	-	-	18	3	8	2	1	5	4	1	3	-	-	-	2
Janitors, porters, and cleaners	14	1.28	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Power-brake operators, class A	14	1.61	-	-	-	-	1	1	5	-	4	-	1	7	5	-	-	-	-	-
Power-shear operators, class A	9	1.55	-	-	-	-	-	-	-	2	-	-	2	-	-	-	-	-	-	-
Power-shear operators, class B	9	1.44	-	-	-	1	-	-	-	4	2	-	2	-	5	-	-	-	-	-
Punch-press operators, class A	11	1.51	-	-	-	-	2	-	-	2	-	2	1	1	2	-	1	-	-	-
Punch-press operators, class B	33	1.53	-	-	-	-	1	-	1	4	11	-	10	2	-	1	-	-	2	1
Sheet-metal machine operators, miscellaneous machines	47	1.50	-	-	-	-	2	2	4	-	4	6	7	16	4	-	2	-	-	-
Stock handlers and truckers, hand	24	1.34	-	1	-	1	1	2	5	10	1	2	-	1	-	-	-	-	-	-

1/ The study covered establishments with more than 20 workers engaged in the manufacture of sheet-metal products (Group 344) as defined in the Standard Industrial Classification Manual (1945 edition) prepared by the Bureau of the Budget.

2/ Data limited to men workers; all or a majority of workers in each occupation were paid on a time basis.

3/ Excludes premium pay for overtime and night work.

Table B-346: *Stamped and Pressed Metal Products* 1/

Occupation and sex	Number of workers	Average hourly earnings 2/	NUMBER OF WORKERS RECEIVING STRAIGHT-TIME HOURLY EARNINGS OF--																											
			\$ 0.90 and under	\$ 0.95	\$ 1.00	\$ 1.05	\$ 1.10	\$ 1.15	\$ 1.20	\$ 1.25	\$ 1.30	\$ 1.35	\$ 1.40	\$ 1.45	\$ 1.50	\$ 1.55	\$ 1.60	\$ 1.65	\$ 1.70	\$ 1.75	\$ 1.80	\$ 1.85	\$ 1.90	\$ 1.95	\$ 2.00	\$ 2.05	\$ 2.10	\$ 2.15	\$ 2.20 and over	
			1.95	1.00	1.05	1.10	1.15	1.20	1.25	1.30	1.35	1.40	1.45	1.50	1.55	1.60	1.65	1.70	1.75	1.80	1.85	1.90	1.95	2.00	2.05	2.10	2.15	2.20	over	
<u>Men</u>																														
Die setters 3/a	17	\$ 1.67	-	-	-	-	-	-	-	-	-	-	-	-	2	2	6	4	1	2	-	-	-	-	-	-	-	-	-	-
Inspectors, class A 3/a	8	1.81	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	3	-	1	-	-	-	-	-	-	-	-
Maintenance men, general utility 3/a	8	1.58	-	-	-	-	-	-	-	2	-	-	1	-	-	-	2	-	3	-	-	-	-	-	-	-	-	-	-	-
Mechanics, maintenance 3/a	6	1.85	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	3	-	1	-	-	-	-	-	-	-
Power-shear operators, class B 3/a	17	1.43	-	-	-	-	-	-	2	1	4	4	-	1	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Punch-press operators, class A 3/a	13	1.57	-	-	-	-	-	-	-	-	-	3	-	1	6	1	-	1	-	-	-	1	-	-	-	-	-	-	-	-
Punch-press operators, class B 3/a	221	1.38	-	-	-	-	4	1	36	44	24	5	34	2	11	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tool-and-die makers 3/a	72	1.95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27	-	16	-	20	-	-	3	-	-	6
<u>Women</u>																														
Punch-press operators, class B 3/b	71	1.20	9	6	7	3	1	4	13	5	7	1	12	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-

1/ The study covered establishments with more than 20 workers engaged in the manufacture of non-automotive metal stampings (Group 346) as defined in the Standard Industrial Classification Manual (1945 edition) prepared by the Bureau of the Budget.

2/ Excludes premium pay for overtime and night work.

3/ Insufficient data to permit presentation of separate averages by method of wage payment.

(a) All or predominantly time workers.

(b) All or predominantly incentive workers.

Occupational Wage Survey, Minneapolis-St. Paul, Minn., November 1951
U.S. DEPARTMENT OF LABOR
Bureau of Labor Statistics

Table B-35: Machinery Industries 1/

Occupation and sex	Number of workers	Average hourly earnings 2/	NUMBER OF WORKERS RECEIVING STRAIGHT-TIME HOURLY EARNINGS OF--																												
			\$.75 and under	\$.80	\$.85	\$.90	\$.95	\$ 1.00	\$ 1.05	\$ 1.10	\$ 1.15	\$ 1.20	\$ 1.25	\$ 1.30	\$ 1.35	\$ 1.40	\$ 1.45	\$ 1.50	\$ 1.55	\$ 1.60	\$ 1.65	\$ 1.70	\$ 1.75	\$ 1.80	\$ 1.90	\$ 2.00	\$ 2.10	\$ 2.20	\$ 2.30 and over		
			.80	.85	.90	.95	1.00	1.05	1.10	1.15	1.20	1.25	1.30	1.35	1.40	1.45	1.50	1.55	1.60	1.65	1.70	1.75	1.80	1.90	2.00	2.10	2.20	2.30	over		
Men																															
Assemblers, class A 3/a	663	1.75	-	-	-	-	-	-	-	-	-	-	-	-	-	2	14	38	54	29	59	17	214	214	9	1	4	2	6		
Assemblers, class B: Total	864	1.71	-	-	-	-	-	-	-	-	-	-	4	18	52	53	175	118	93	75	30	20	21	45	67	22	24	47			
Time	599	1.56	-	-	-	-	-	-	-	-	-	-	4	18	51	47	160	115	89	73	26	16	-	-	-	-	-	-	-		
Incentive	265	2.04	-	-	-	-	-	-	-	-	-	-	-	-	-	1	6	15	3	4	2	4	4	21	45	67	22	24	47		
Assemblers, class C 3/a	977	1.36	(Data not available)																												
Electricians, maintenance 3/a	52	1.87	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	4	2	2	-	1	11	11	17	-	-	-	-		
Inspectors, class A 3/a	207	1.86	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	10	-	17	8	102	64	4	-	-	-		
Inspectors, class B 3/a	59	1.68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	30	5	4	8	-	2	-	8	-	-	-		
Janitors, porters, and cleaners 3/a	264	1.35	-	-	-	8	-	7	-	-	6	2	61	20	23	106	25	2	-	-	-	-	-	-	-	-	-	-	-	-	
Machine-tool operators, production, class A 3/a, 4/	1918	1.85	-	-	-	-	-	-	-	-	-	-	-	12	-	-	20	62	35	62	245	59	318	593	150	129	91	89	53		
Drill-press operators, radial, class A 3/a	231	1.84	-	-	-	-	-	-	-	-	-	-	-	6	-	-	6	24	6	2	18	12	14	86	6	15	13	17	6		
Drill-press operators, single- or multiple-spindle, class A 3/a	122	1.73	-	-	-	-	-	-	-	-	-	-	6	-	-	12	12	16	24	5	4	1	9	5	9	8	7	4			
Engine-lathe operators, class A 3/a	306	1.79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	116	3	35	133	2	1	3	7	3			
Grinding-machine operators, class A 3/a	181	1.97	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	2	1	25	61	9	13	17	17	24			
Milling-machine operators, class A 3/a	263	1.85	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	-	12	24	15	18	135	8	10	5	15	9			
Screw-machine operators, automatic, class A 3/a	38	1.86	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	-	4	6	8	4	-	2	7	1	2			
Turret-lathe operators, hand (including hand screw machine), class A 3/a	308	1.83	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	4	4	24	70	18	32	89	8	13	22	17	5		
Machine-tool operators, production, class B 3/a, 4/	646	1.61	-	-	-	-	1	-	-	-	-	8	42	8	8	26	42	155	56	61	81	55	11	27	19	20	14	7	5		
Drill-press operators, radial, class B 3/a	34	1.76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	9	6	-	2	2	3	1	4	2	2	-		
Drill-press operators, single- or multiple-spindle, class B 3/a	56	1.56	-	-	-	-	-	-	-	-	-	6	-	-	12	17	-	6	-	-	3	3	4	2	-	2	-	1			
Milling-machine operators, class B 3/a	37	1.77	-	-	-	-	-	-	-	-	-	-	-	-	-	14	-	-	-	-	5	1	1	2	9	2	1	2			
Screw-machine operators, automatic, class B 3/a	35	1.47	-	-	-	-	-	-	-	-	8	-	8	-	-	-	8	-	-	-	8	1	-	-	1	-	1	-	-		
Turret-lathe operators, hand (including hand screw machine), class B 3/a	91	1.71	-	-	-	-	-	-	-	-	-	-	-	-	-	5	18	13	8	22	4	-	3	6	4	5	1	2			
Machine-tool operators, production, class C 3/a, 4/	252	1.26	-	-	-	16	-	24	-	16	2	52	8	31	48	20	10	16	9	-	-	-	-	-	-	-	-	-	-		
Drill-press operators, single- or multiple-spindle, class C 3/a	89	1.26	-	-	-	16	-	-	-	8	-	16	-	21	-	-	10	12	6	-	-	-	-	-	-	-	-	-	-		
Milling-machine operators, class C 3/a	8	1.00	-	-	-	-	-	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Machine-tool operators, tool room 3/a	78	1.83	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	1	22	4	-	26	2	19	-	-	-	-		
Machinists, production 3/a	238	1.74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	33	20	127	44	4	-	-	-	-	-		
Tool-and-die makers (tool-and-die jobbing shops) 3/a	202	2.07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	-	-	22	24	54	26	54	6		
Tool-and-die makers (other than jobbing shops) 3/a	117	2.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	11	39	19	26	16	-	-		
Welders, hand, class A: Total	746	1.75	-	-	-	-	-	-	-	-	-	-	-	-	-	8	-	-	110	55	242	21	110	121	7	1	16	28	27		
Time	681	1.70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	-	-	110	55	242	20	110	121	7	-	-	-		
Incentive	65	2.28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	16	28	19		
Welders, hand, class B 3/a	190	1.66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	46	4	4	43	5	13	56	-	1	3	5	9		
Women																															
Assemblers, class C 3/a	208	1.13	24	24	8	-	-	-	8	16	16	12	24	52	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

1/ The study included establishments with more than 20 workers in the machinery (non-electrical) industry (Group 35) as defined in the Standard Industrial Classification Manual (1945 edition) prepared by the Bureau of the Budget; machine-tool accessory establishments with more than 7 workers were included in the study.

2/ Excludes premium pay for overtime and night work.

3/ Insufficient data to permit presentation of separate averages by method of wage payment.

(a) All or predominantly time workers.

4/ Includes data for operators of other machine tools in addition to those shown separately.

Occupational Wage Survey, Minneapolis-St. Paul, Minn., November 1951
U.S. DEPARTMENT OF LABOR
Bureau of Labor Statistics

Table B-40: *Railroads 1/*

Occupation and sex	Number of workers	Average hourly earnings 2/	NUMBER OF WORKERS RECEIVING STRAIGHT-TIME HOURLY EARNINGS OF—																							
			\$ 1.35 and under	\$ 1.40	\$ 1.45	\$ 1.50	\$ 1.55	\$ 1.60	\$ 1.65	\$ 1.70	\$ 1.75	\$ 1.80	\$ 1.85	\$ 1.90	\$ 1.95	\$ 2.00	\$ 2.05	\$ 2.10	\$ 2.15	\$ 2.20	\$ 2.25	\$ 2.30	\$ 2.35	\$ 2.40	\$ 2.45 and over	
			1.40	1.45	1.50	1.55	1.60	1.65	1.70	1.75	1.80	1.85	1.90	1.95	2.00	2.05	2.10	2.15	2.20	2.25	2.30	2.35	2.40	2.45	over	
<u>Men</u>																										
Carpenters, maintenance	640	\$ 1.82	-	-	-	-	-	101	97	-	272	-	169	1	-	-	-	-	-	-	-	-	-	-	-	-
Crane operators, electric bridge (under 20 tons)	10	1.69	-	-	-	-	3	-	3	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Electricians, maintenance	210	1.94	-	-	-	-	-	-	-	-	-	-	173	35	1	1	-	-	-	-	-	-	-	-	-	
Helpers, trades, maintenance	965	1.64	-	-	-	-	70	502	390	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Janitors and cleaners	468	1.46	38	18	386	25	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Machinists, maintenance	547	1.93	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Mechanics, maintenance	272	1.91	-	-	-	-	-	-	-	-	-	96	-	156	20	-	-	-	-	-	-	-	-	-	-	
Painters, maintenance	94	1.81	-	-	-	-	-	-	6	45	5	-	27	11	-	-	-	-	-	-	-	-	-	-	-	
Pipe fitters, maintenance	116	1.93	-	-	-	-	-	-	-	-	-	-	-	116	-	-	-	-	-	-	-	-	-	-	-	
Sheet-metal workers, maintenance	93	1.93	-	-	-	-	-	-	-	-	-	-	93	-	-	-	-	-	-	-	-	-	-	-	-	
Stock handlers and truckers, hand	854	1.59	-	6	14	1	426	364	-	43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Truck drivers, medium (1½ to and including 4 tons) ..	90	1.67	-	-	-	1	-	-	85	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Truckers, power (fork-lift)	25	1.75	-	-	-	3	-	15	-	-	2	-	4	-	-	-	-	-	-	-	-	-	-	-	1	
<u>Women</u>																										
Janitors and cleaners	78	1.46	12	-	66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

1/ The study covered railroads (Group 40) with more than 50 workers, as defined in the Standard Industrial Classification Manual (1949 edition) prepared by the Bureau of the Budget.

2/ Excludes premium pay for overtime and night work; all workers were paid on a time basis.

Table B-542: *Milk Dealers 1/*

Occupation 2/	Number of workers	Average hourly earnings 3/	NUMBER OF WORKERS RECEIVING STRAIGHT-TIME HOURLY EARNINGS OF—																	
			\$ 1.50 and under 1.55	\$ 1.55 — 1.60	\$ 1.60 — 1.65	\$ 1.65 — 1.70	\$ 1.70 — 1.75	\$ 1.75 — 1.80	\$ 1.80 — 1.85	\$ 1.85 — 1.90	\$ 1.90 — 1.95	\$ 1.95 — 2.00	\$ 2.00 — 2.05	\$ 2.05 — 2.10	\$ 2.10 — 2.15	\$ 2.15 — 2.20	\$ 2.20 — 2.25	\$ 2.25 — 2.30	\$ 2.30 — 2.35	\$ 2.35 — 2.40
Engineers, stationary	28	\$ 1.96	—	—	—	—	2	—	3	5	11	2	—	—	1	—	—	—	—	4
Filling-machine tenders	48	1.76	—	—	—	—	37	3	4	3	—	1	—	—	—	—	—	—	—	—
Mechanics, automotive (maintenance)	57	1.91	—	—	4	3	2	—	4	—	8	26	7	1	2	—	—	—	—	—
Order fillers	20	1.78	—	—	1	—	9	2	6	1	—	1	—	—	—	—	—	—	—	—
Pasteurizers	19	1.85	1	—	—	—	1	—	5	6	4	—	2	—	—	—	—	—	—	—
Refrigerator men	52	1.79	—	—	—	—	19	7	21	1	3	—	—	—	—	1	—	—	—	—
Sanitary men	38	1.78	—	—	—	4	11	2	20	1	—	—	—	—	—	—	—	—	—	—
Washers, bottle, machine	35	1.78	—	—	—	—	12	7	14	1	1	—	—	—	—	—	—	—	—	—
Washers, can, machine	20	1.76	—	—	—	1	11	2	6	—	—	—	—	—	—	—	—	—	—	—

Occupation 2/	Number of workers	Average weekly earnings 4/	NUMBER OF WORKERS RECEIVING STRAIGHT-TIME WEEKLY EARNINGS OF—																	
			\$ 55.00 and under 60.00	\$ 60.00 — 65.00	\$ 65.00 — 70.00	\$ 70.00 — 75.00	\$ 75.00 — 80.00	\$ 80.00 — 85.00	\$ 85.00 — 90.00	\$ 90.00 — 95.00	\$ 95.00 — 100.00	\$ 100.00 — 105.00	\$ 105.00 — 110.00	\$ 110.00 — 115.00	\$ 115.00 — 120.00	\$ 120.00 — 125.00	\$ 125.00 — 130.00	\$ 130.00 — 135.00	\$ 135.00 — 140.00	\$ 140.00 — and over
Routemen (driver-salesmen), retail 5/	693	\$ 78.50	1	12	106	150	173	129	69	27	14	3	1	3	—	1	1	—	1	2
Routemen (driver-salesmen), wholesale 5/	130	90.50	—	—	2	2	5	23	32	29	23	11	2	1	—	—	—	—	—	—

1/ The study covered retail establishments with more than 20 workers engaged in the distribution of dairy products (Group 542) as defined in the Standard Industrial Classification Manual (1949 edition) prepared by the Bureau of the Budget.

2/ Data limited to men workers.

3/ Excludes premium pay for overtime and night work; all workers were paid on a time basis.

4/ Straight-time earnings (includes commission earnings).

5/ Routemen normally work a 5-day week.

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Table B-63: *Insurance Carriers 1/*

Occupation and sex	Number of workers	AVERAGE 2/		NUMBER OF WORKERS RECEIVING STRAIGHT-TIME WEEKLY EARNINGS OF—																											
		Weekly hours (Standard)	Weekly earnings (Standard)	\$27.50 and under \$30.00	\$30.00	\$32.50	\$35.00	\$37.50	\$40.00	\$42.50	\$45.00	\$47.50	\$50.00	\$52.50	\$55.00	\$57.50	\$60.00	\$62.50	\$65.00	\$70.00	\$75.00	\$80.00	\$85.00	\$90.00	\$95.00	\$100.00 and over					
Men																															
Clerks, accounting	50	40.0	\$ 47.00	-	-	-	4	1	14	7	4	3	6	3	2	-	2	-	2	2	-	-	-	-	-	-	-	-	-		
Clerks, file, class B	21	39.5	38.00	-	-	9	7	2	-	1	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-			
Section heads	69	38.5	79.50	-	-	-	-	-	1	-	-	-	3	-	-	1	3	3	15	4	2	2	15	8	10	2	-	-			
Tabulating-machine operators	66	39.5	51.00	-	-	1	5	1	5	7	4	4	10	9	4	3	4	4	2	3	-	-	-	-	-	-	-	-			
Underwriters	198	39.5	71.00	-	-	-	-	-	20	8	4	4	-	6	6	24	11	4	18	20	16	10	14	1	4	3/ 28	-	-			
Women																															
Clerks, accounting	209	39.0	\$ 42.00	2	6	8	33	47	23	31	23	11	17	3	-	5	-	-	-	4	-	-	-	-	-	-	-	-			
Clerks, actuarial	75	38.5	41.50	3	14	6	14	4	3	5	14	-	-	6	1	-	1	-	-	1	7	-	-	-	-	-	-				
Clerks, correspondence, class A	32	38.5	58.50	-	-	-	-	-	3	1	6	3	3	-	1	2	2	-	-	1	7	-	2	-	1	-	-				
Clerks, file, class B	263	39.0	34.50	49	41	58	69	20	12	8	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Clerks, premium-ledger-card	84	38.0	41.50	-	4	6	6	27	5	23	5	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Clerks, underwriter	29	39.0	51.00	-	1	2	-	3	-	-	7	4	-	-	-	-	5	7	-	-	-	-	-	-	-	-	-				
Key-punch operators	172	39.5	39.50	-	10	32	36	21	19	28	12	5	7	2	-	-	-	-	-	-	-	-	-	-	-	-	-				
Premium acceptors	20	39.5	39.50	-	4	-	-	8	6	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-				
Section heads	99	39.0	55.00	-	-	-	-	4	2	10	9	5	10	9	4	11	14	8	2	2	-	-	-	-	-	-	-				
Stenographers, general	224	39.0	44.50	-	-	9	10	28	45	45	37	12	9	3	6	11	7	2	-	-	-	-	-	-	-	-	-				
Tabulating-machine operators	29	38.5	43.50	-	2	3	1	4	3	5	2	5	-	1	-	2	1	-	-	-	-	-	-	-	-	-	-				
Typists, class A	97	39.0	41.00	1	1	2	9	10	35	33	2	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Typists, class B	553	39.0	38.00	-	66	126	111	72	78	47	32	11	9	1	-	-	-	-	-	-	-	-	-	-	-	-	-				
Underwriters	23	38.5	66.50	-	-	-	-	-	-	-	-	-	-	6	-	-	-	4	-	3	1	8	-	1	-	-	-				

1/ The study covered insurance carriers (Group 63) with more than 20 workers, as defined in the Standard Industrial Classification Manual (1949 edition) prepared by the Bureau of the Budget.

2/ Hours reflect the workweek for which employees receive their regular straight-time salaries and the earnings correspond to these hours.

3/ Workers were distributed as follows: 11 at \$100.00 and under \$105.00; 10 at \$105.00 - \$110.00; 7 at \$110.00 and over.

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C: Union Wage Scales

(Minimum wage rates and maximum straight-time hours per week agreed upon through collective bargaining between employers and trade unions. Rates and hours are those in effect on dates indicated.)

Table C-15: *Building Construction*

January 2, 1952

Classification	Rate per hour	Hours per week
Bricklayers	\$2.900	40
Carpenters	2.400	40
Electricians	2.650	40
Painters	1/ 2.255	40
Plasterers	2.750	40
Plumbers	2.550	40
Building laborers	1.670	40

1/ Minneapolis; \$2.250 in St. Paul.

Table C-205: *Bakeries*

July 1, 1951

Classification	Rate per hour	Hours per week
Minneapolis		
Bread and cake - Hand shops:		
Foremen	\$1.555	45
Mixers, ovenmen, bench hands	1.445	45
Wrapping machine operators	1.185	45
Helpers:		
First 1,000 hours .....	.868	45
Sixth 1,000 hours	1.302	45
Women hand icers	1.070	45
Bread and cake - Machine shops:		
Foremen	1.800	40
Doughnut machine operators	1.630	40
Icing and batter mixers	1.630	40
Sponge and dough mixers, oven operators and ovenmen	1.630	40
Depositors, and/or drop- machine operators	1.520	40
Dividers, molders, bench hands, bun-machine operators	1.520	40
Traveling-oven feeders and dumpers, doughroom men, slicing and wrapping- machine operators	1.520	40
Foremen (women), twisters, dough panners, oven and bench helpers	1.310	40
Jell or icing-machine operators, cake wrappers, and semi-automatic cake wrappers	1.310	40
Helpers:		
First 8 weeks	1.160	40
After 8 weeks	1.310	40
Women employees:		
Finishers, wrappers, packers:		
First 8 weeks .....	.960	40
After 8 weeks	1.060	40

Table C-205: *Bakeries - Continued*

July 1, 1951

Classification	Rate per hour	Hours per week
Minneapolis - Continued		
Hebrew baking:		
Hand shops:		
General cakemen, mixers, ovenmen	\$1.526	45
Bench hands, machinemen	1.473	45
Machine shops:		
General cakemen; mixers; ovenmen	1.653	40
Bench hands, machinemen	1.593	40
Crackers and cookies:		
Baking department:		
Sponge mixers	1.370	40
Sweet mixers	1.315	40
Assistant sweet mixers	1.170	40
Sponge department:		
Ovenmen	1.450	40
Peelers	1.430	40
Laminator operators, machinemen	1.315	40
Lead ovenmen	1.310	40
Take-out men	1.260	40
Laminator sheet feeders	1.260	40
Stackers	1.200	40
Sweet department:		
Ovenmen and machinemen	1.315	40
Ovenmen's helpers and relief	1.260	40
Inexperienced workers (men):		
First 30 days	1.000	40
Second 30 days	1.050	40
After 60 days	1.130	40
Icing department:		
Mixers, machinemen	1.315	40
Packers (chill room)	1.020	40
Packers	1.000	40
Weighers and baggers .....	.910	40
Miscellaneous girls .....	.880	40
Inexperienced workers (women):		
First 30 days .....	.770	40
Second 30 days .....	.810	40
Third 30 days .....	.835	40
After 60 days .....	.880	40
Packing department:		
Helpers - men:		
First 30 days .....	.900	40
Second 30 days .....	.950	40
After 60 days	1.000	40
Inexperienced workers (women):		
First 30 days .....	.770	40
Second 30 days .....	.810	40
After 60 days .....	.835	40
Sponge packers (cartons and 1 pound Krispies), checkers and relief (women)	1.050	40
Sponge packers	1.030	40
Graham packers	1.030	40
Sweet packers	1.000	40
Carton formers, caddy stitchers, senior (women) .....	.955	40
Bundlers .....	.955	40

Table C-205: *Bakeries - Continued*

July 1, 1951

Classification	Rate per hour	Hours per week
St. Paul		
Bread and cake - Hand shops:		
Foremen, supervising 6 or more workers .	\$1.619	45
Foremen, supervising 5 or less workers, first hands	1.508	45
Ovenmen, mixers	1.441	45
Bench hands	1.396	45
Helpers:		
After 6 months	1.107	45
Bread and cake - Semimachine shops:		
Ovenmen, dough mixers	1.525	42½
Bench hands	1.478	42½
Men helpers:		
After 6 months	1.125	42½
Women hand workers:		
After 6 months	1.125	42½
Bread - Machine shops:		
Foremen	1.800	40
Sponge and dough mixers, ovenmen	1.630	40
Bench hands, dividers, molders, bun-machine operators	1.520	40
Oven feeders and dumpers, slicing or wrapping- machine operators	1.520	40
Twisters, panners, oven helpers, bench helpers	1.310	40
Helpers:		
After 8 weeks	1.310	40
Women workers:		
Foremen	1.310	40
Finishers, packers, wrappers:		
First 8 weeks	1.960	40
After 8 weeks	1.060	40
Cake - Machine shops:		
Mixers, ovenmen, doughnut- machine operators	1.630	40
Kettle fryers	1.520	40
Helpers:		
After 8 weeks	1.310	40
Women workers:		
Finishers, wrappers, packers:		
After 8 weeks	1.060	40
Crackers and cookies:		
Foremen	1.540	40
Machinemen, marshmallow mixers, sweet- ovenmen, oven firemen, drawmen	1.360	40
Pan greasers, flour dumpers, dough scalars, sweet-oven reliefmen, cracker stackers	1.300	40
Helpers - After 6 months	1.190	40
Women workers:		
Floorladies	1.110	40
Assistant floorladies	1.060	40
Cracker packers	1.050	40
Wrappers, packers, cracker- machine operators, checkers	1.030	40
Helpers - After 6 months950	40

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Table C-2082: *Malt Liquors*

November 1, 1951

Classification	Rate per week	Hours per week
Agreements A and B:		
Bottlers	\$67.48	40
Brewers and maltsters	70.48	40
First men	73.48	40
Cleaners, soaker-washers, labeling-machine men	69.48	40
Agreement C:		
Bottlers:		
First 30 days	63.60	40
30-120 days	65.60	40
After 120 days	69.60	40
Brewers and maltsters:		
First 30 days	66.60	40
30-120 days	68.60	40
After 120 days	72.60	40
First men	77.60	40
Brewery utility men	69.60	40

Table C-27: *Printing*

July 1, 1951

Classification	Rate per hour	Hours per week
<u>Minneapolis</u>		
Book and job shops:		
Bindery women	\$1.200	37½
Bookbinders	2.400	37½
Compositors, hand:		
Agreement A	2.500	37½
Agreement B	2.575	37½
Electrotypers	2.780	37½
Machine operators:		
Agreement A	2.500	37½
Combination machine, linotype and intertype	2.625	37½
Agreement B	2.575	37½
Mailers	2.225	37½
Photoengravers	2.640	37½
Press assistants and feeders:		
Agreement A:		
Cylinder	2.090	37½
Miehle vertical	1.650	37½
Platen	1.460	37½
Agreement B:		
Stokes and Harris feeders	1.110	40
Platen	1.140	40
Agreement C:		
Cylinder	2.090	37½
Platen	1.460	37½
Kelly A or Miehle vertical	1.650	37½

Table C-27: *Printing - Continued*

July 1, 1951

Classification	Rate per hour	Hours per week
<u>Minneapolis - Continued</u>		
Book and job shops: - Continued		
Pressmen:		
Cylinder presses:		
1 or 2 single cylinders; 1 single cylinder and 1 platen	\$2.500	37½
2-color or double enders or single-roll rotary	2.580	37½
Platen presses:		
1 press	1.820	37½
2 presses	1.970	37½
3 presses	2.170	37½
4 presses	2.230	37½
Stereotypers	2.580	40
Newspapers:		
Compositors, hand - day work:		
Agreement A	2.775	35
Agreement B	2.635	35
Compositors, hand - night work	2.915	35
Machine operators - day work:		
Agreement A	2.775	35
Agreement B	2.635	35
Machine operators - night work	2.915	35
Machine tenders (machinists) - day work:		
Agreement A	2.775	35
Agreement B	2.635	35
Machine tenders (machinists) - night work	2.915	35
Mailers - day work	2.315	37½
Mailers - night work	2.415	37½
Photoengravers - day work	2.780	37½
Photoengravers - night work	2.960	37½
Pressmen, web presses - day work	2.620	37½
Pressmen, web presses - night work	2.720	37½
Pressmen-in-charge - day work	2.820	37½
Pressmen-in-charge - night work	2.920	37½
Stereotypers - day work	2.620	37½
Stereotypers - night work	2.720	37½
<u>St. Paul</u>		
Book and job shops:		
Bindery women:		
Agreement A	\$1.160	37½
Foreladies	1.370	37½
Agreement B	1.200	37½
Mailers	2.249	37½
Photoengravers:		
Agreement A	2.640	37½
Agreement B	2.810	37½
Press assistants and feeders:		
Agreement A:		
Cylinder feeders	2.080	37½
Platen feeders	1.480	37½
Agreement B:		
Cylinder, perfecting, web, 4-color press feeders	2.105	37½
Platen, Carver or Waite feeders	1.440	37½

Table C-27: *Printing - Continued*

July 1, 1951

Classification	Rate per hour	Hours per week
<u>St. Paul - Continued</u>		
Book and job shops: - Continued		
Pressmen:		
Agreement A:		
Cylinder presses:		
1 or 2 single; 1 cylinder and 1 platen; 1 Kelly; any 2 of the following and 1 platen; Kelly, Miehle, Vertical, Simplex, Horizontal, or Miller High- Speed	\$2.500	37½
Platen presses:		
1 platen or Osterlind	1.830	37½
2 platens or 2 Osterlinds	2.080	37½
3 platens	2.210	37½
Rotary presses	2.600	37½
Agreement B:		
Cylinder presses:		
1 or 2 single; 1 single cylin- der and 1 platen; any 1 of the following and 1 platen; Kelly, Miehle, Vertical, Horizontal, Miller High- Speed; 2 of the following: Harris imprint, Kelly A or B; vertical Miehle	2.530	37½
2-color and double enders	2.630	37½
Platen and Carver presses:		
1 of each type	1.825	37½
2 of each type	1.980	37½
3 of each type	2.140	37½
4 of each type	2.300	37½
Agreement C:		
Cylinder presses:		
Miehle vertical	2.360	37½
Rotary presses:		
"A" pressmen - special rotary ..	2.780	37½
"B" pressmen - special rotary ..	2.400	37½
Stereotypers:		
Agreement A	2.425	37½
Agreement B	2.500	37½
Newspapers:		
Compositors, hand - day work	2.725	35
Compositors, hand - night work	2.929	35
Machine operators - day work	2.725	35
Machine operators - night work	2.929	35
Machine tenders (machinists) - day work	2.725	35
Machine tenders (machinists) - night work	2.929	35
Mailers - day work	2.254	37½
Mailers - night work	2.423	37½
Photoengravers - day work	2.730	37½
Photoengravers - night work	2.941	37½
Pressmen, web presses - day work	2.420	37½
Pressmen, web presses - night work	2.600	37½
Pressmen-in-charge - day work	2.690	37½
Pressmen-in-charge - night work	2.867	37½
Stereotypers - day work	2.425	37½
Stereotypers - night work	2.606	37½

Table C-41. *Local Transit
Operating Employees*
October 1, 1951

Classification	Rate per hour	Hours per week
2-man cars:		
First 9 months	\$1.540	40
Second 9 months	1.570	40
After 18 months	1.600	40
1-man cars and busses:		
First 9 months	1.630	40
Second 9 months	1.660	40
After 18 months	1.700	40

Table C-42: *Motortruck Drivers
and Helpers*
July 1, 1951

Classification	Rate per hour	Hours per week
Minneapolis		
Bakery:		
Retail	\$1.385	40
Wholesale	1.385	40
Cracker and cooky	1.350	48
Beer:		
Distributor:		
Regular route	1.685	40
Stock and special	1.556	40
Helpers	1.496	40
Brewery	1.733	40
Helpers	1.658	40
Building:		
Construction:		
Bituminous distributor	1.670	40
Dump	1.670	40
Concrete-mixer truck	1.650	40
Excavating:		
Under 6 cu. yd.	1.670	40
Tank truck and dumpster	1.670	40
Service truck	1.570	40
Material	1.505	40
Concrete blocks, sand and gravel	1.495	40
Lumber and wrecking	1.470	40
Sash and door	1.495	40
Plumbing supply:		
Wholesale	1.480	40
Retail	1.560	40
Cheese - Freight	1.560	40
Coal	1.535	40
Helpers	1.435	40
Department store	1.520	40
Florist:		
Agreement A - Retail	1.300	48

Table C-42: *Motortruck Drivers
and Helpers - Continued*
July 1, 1951

Classification	Rate per hour	Hours per week
Minneapolis - Continued		
Flour and feed mill	\$1.530	40
Furniture:		
Retail:		
Agreement A	1.520	40
Helpers	1.460	40
Agreement B	1.460	40
Wholesale	1.520	40
General:		
Package delivery	1.520	40
Freight - Transfer:		
Merchandise	1.580	40
Household	1.620	40
Helpers:		
Merchandise	1.530	40
Household	1.570	40
Heavy hauling	2.010	40
Helpers	1.960	40
Car hauling	1.710	40
City pick-up	1.500	42
Helpers	1.450	42
Glass	1.530	40
Grocery - Wholesale	1.570	40
Helpers	1.480	40
Ice	1.430	40
Helpers	1.330	40
Ice cream:		
After 12 weeks	1.705	40
Laundry:		
Family and wholesale	1.529	40
Milk - Depot:		
After 26 weeks	1.730	40
Oil and gasoline:		
Agreement A:		
Under 2,100 gal.:		
First 6 months	1.435	40
6-12 months	1.503	40
After 1 year	1.573	40
2,100 gal. or over:		
First 6 months	1.461	40
6-12 months	1.529	40
After 1 year	1.598	40
Agreement B:		
Transport	1.572	48
Agreement C:		
After 1 year	1.484	40
Printing	1.550	40
Produce	1.510	40
Railway express	1.726	40
Scrap iron	1.530	40
Tobacco and candy	1.530	40
St. Paul		
Auto haulers	1.600	48
Bakery:		
Relief drivers - Retail	1.280	54
Transport - Wholesale	1.385	40

Table C-42: *Motortruck Drivers
and Helpers - Continued*
July 1, 1951

Classification	Rate per hour	Hours per week
St. Paul - Continued		
Beer	\$1.825	40
City delivery	1.750	40
Helpers	1.700	40
Building:		
Construction:		
General	1.670	40
Under 6 cu. yd.	1.670	40
Service truck - 3/4 ton	1.570	40
Concrete-mixer truck - 3 yd.	1.540	40
Hauling:.....		
Concrete and machinery	1.670	40
Heavy:		
Winch	2.000	40
Helpers	1.950	40
Tank truck	1.670	40
Material:		
Concrete block, lumber	1.485	40
Sand and gravel	1.540	40
Butter (other than salesmen)	1.106	48
Florist	1.430	48
Furniture	1.560	44
Helpers	1.560	44
General - Freight:		
Local transfer	1.530	40
Helpers	1.470	40
City pick-up and delivery	1.490	44
Package delivery	1.530	40
Grocery:		
Wholesale	1.485	40
Helpers	1.430	40
Hardware - Wholesale	1.485	40
Helpers	1.430	40
Ice:		
Retail	1.260	48
Wholesale	1.430	40
Laundry and dry cleaning - Linen supply ..	1.530	40
Market and produce	1.485	40
Helpers	1.430	40
Meat:		
Wholesale	1.725	40
Packing house	1.765	48
Newspaper	1.830	45
Country drivers	1.880	45
Split-shift drivers	1.880	45
Oil and gasoline:		
Agreement A:		
Under 2,100 gal.:		
After 1 year	1.572	40
Over 2,100 gal.:		
After 1 year	1.598	40
Agreement B:		
After 1 year	1.587	40
Agreement C	1.580	40
Paper - Wholesale	1.485	40
Helpers	1.430	40
Soft drink	1.325	40
Helpers	1.090	40

D: Entrance Rates

Table D-1: *Minimum Entrance Rates for Plant Workers* ^{1/}

Minimum rate (in cents)	All industries 2/	Percent of plant workers in establishments with specified minimum rates in -							
		Manufacturing				Public utilities*	Wholesale trade	Retail trade	Services
		Durable goods		Nondurable goods					
		Establishments with -							
		21-250 workers	251 or more workers	21-250 workers	251 or more workers				
All establishments	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
60 or under	0.9	-	-	-	-	-	4.3	-	
65	1.1	-	-	-	-	-	5.2	-	
Over 70 and under 75 .....	.9	-	-	-	-	-	4.1	-
75	14.5	4.6	-	12.6	19.3	-	3.9	41.4	
Over 75 and under 80 .....	.9	-	-	-	-	2.1	6.2	-
80	1.1	-	0.9	8.2	-	-	-	1.2	
Over 80 and under 85	4.5	-	-	4.2	8.4	-	-	11.2	
85	4.7	7.8	-	8.5	2.8	21.0	3.2	2.4	
Over 85 and under 90	1.8	-	-	3.1	1.3	1.9	-	5.3	
90	2.0	-	1.2	5.8	3.9	-	2.0	1.3	
Over 90 and under 95 .....	.2	-	-	-	.8	-	1.3	-
95	1.4	9.2	-	-	3.5	-	-	-	
Over 95 and under 100	1.8	7.5	-	5.2	2.0	2.5	3.2	-	
100	1.8	.9	1.2	5.3	-	9.5	-	-	
Over 100 and under 105	1.9	-	1.6	1.6	4.7	1.6	3.0	1.2	
105 .....	.1	-	-	-	-	-	2.1	-
Over 105 and under 110	2.2	-	-	4.5	-	10.4	2.2	2.6	
110	1.2	1.4	2.6	-	2.9	-	-	-	
Over 110 and under 115	9.8	5.7	26.2	-	15.4	-	1.7	3.1	
115	1.6	-	5.4	-	-	-	-	1.8	
Over 115 and under 120	2.8	-	3.9	4.8	4.0	-	12.5	-	
120 .....	.3	5.0	-	-	-	-	-	-
Over 120 and under 125	7.7	10.5	13.2	-	23.2	-	-	-	
125 .....	.1	-	-	-	-	-	1.8	-
Over 125 and under 130	8.0	17.2	20.5	.4	2.2	2.6	16.6	-	
130	1.2	-	4.5	1.9	-	-	-	-	
Over 130 and under 135	1.7	2.7	3.7	2.1	-	4.5	-	-	
135	1.2	-	3.7	4.9	-	-	-	-	
Over 135 and under 140	4.3	10.9	6.1	-	-	12.9	10.0	-	
140	1.9	8.9	5.3	-	-	-	.9	-	
Over 140 and under 145	1.1	3.2	-	-	4.2	-	1.8	-	
145	1.7	-	-	-	-	15.8	-	-	
Over 145 and under 150	1.0	-	-	5.6	1.4	2.6	-	-	
Over 155 and under 160 .....	.3	-	-	-	-	-	-	1.6
165 and over .....	.4	-	-	3.8	-	-	-	.3
Establishments with no established minimum	11.9	4.5	-	17.5	-	12.6	27.6	13.0	
								66.7	

^{1/} Lowest rates formally established for hiring either men or women plant workers other than watchmen.^{2/} Excludes data for finance, insurance, and real estate.

* Transportation (excluding railroads), communication, and other public utilities.

E: Supplementary Wage Practices

Table E-1: *Shift Differential Provisions*

Shift differential	Percent of plant workers employed on each shift in -												
	All manufacturing industries 1/						Grain milling		Sheet-metal work		Stamped and pressed metal products	Machinery industries	
	All industries		Durable goods		Nondurable goods								
	2d shift	3d or other shift	2d shift	3d or other shift	2d shift	3d or other shift	2d shift	3d or other shift	2d shift	3d or other shift	2d shift 2/	2d shift	3d or other shift
Percent of workers on extra shifts, all establishments	15.5	5.8	18.4	6.9	11.9	4.6	19.9	10.8	9.6	2.3	21.9	17.8	1.6
Receiving shift differential	14.3	5.7	17.2	6.7	10.8	4.5	19.9	10.8	7.4	2.3	21.9	17.4	1.6
Uniform cents (per hour)	10.2	3.2	9.9	2.2	10.5	4.5	19.9	10.8	7.4	2.3	21.9	11.0	1.6
3 cents .....	.4	-	-	-	1.0	-	-	-	-	-	-	-	-
4 cents .....	.7	-	-	-	1.5	-	19.3	-	-	-	-	-	-
5 cents	1.8	.3	1.8	.1	1.8	.5	.6	-	-	-	-	2.6	.2
6 cents .....	.9	.2	1.6	-	-	.5	-	10.8	-	-	-	1.7	-
7 cents	(3/)	.2	-	-	.1	.5	-	-	-	2.3	-	-	-
7½ cents .....	.6	-	1.1	-	-	-	-	-	7.4	-	1.2	.5	-
8 cents .....	.9	.1	1.6	-	-	.3	-	-	-	-	12.6	1.9	-
10 cents	2.3	.2	2.8	-	1.6	.5	-	-	-	-	8.1	4.3	-
11 cents	-	(2/)	-	-	-	(2/)	-	-	-	-	-	-	-
12 cents	1.0	.6	-	1.0	2.3	.1	-	-	-	-	-	-	.2
12½ cents .....	.5	-	-	-	1.0	-	-	-	-	-	-	-	-
Over 12½ and under 15 cents ...	1.1	(2/)	1.0	-	1.2	(2/)	-	-	-	-	-	-	-
15 cents	-	.3	-	.5	-	-	-	-	-	-	-	-	1.2
25 cents	-	1.2	-	.5	-	2.0	-	-	-	-	-	-	-
Over 25 cents	-	.1	-	.1	-	.1	-	-	-	-	-	-	-
Uniform percentage	4.1	2.5	7.2	4.4	.3	-	-	-	-	-	-	6.4	-
4 percent .....	.3	-	.5	-	-	-	-	-	-	-	-	-	-
5 percent .....	.7	-	1.3	-	-	-	-	-	-	-	-	3.0	-
7 percent	(3/)	-	-	-	-	-	-	-	-	-	-	.3	-
7½ percent	2.3	(3/)	4.1	(3/)	-	-	-	-	-	-	-	-	-
8 percent	-	.2	-	.3	-	-	-	-	-	-	-	-	-
10 percent .....	.8	(3/)	1.3	(3/)	.3	-	-	-	-	-	-	3.1	-
12½ percent	-	2.3	-	4.1	-	-	-	-	-	-	-	-	-
8 hours' pay for 7½ hours worked	(3/)	(3/)	.1	.1	-	-	-	-	-	-	-	-	-
Receiving no differential	1.2	.1	1.2	.2	1.1	.1	-	-	2.2	-	-	.4	-

1/ Includes data for industries other than those shown separately.

2/ No workers reported on 3d shift.

3/ Less than .05 of 1 percent.

Table E-2: *Scheduled Weekly Hours*

Weekly hours	PERCENT OF OFFICE WORKERS ^{1/} EMPLOYED IN—									PERCENT OF PLANT WORKERS EMPLOYED IN—							
	All industries	MANUFACTURING			Public utilities*	Whole-sale trade	Retail trade	Finance**	Services	All industries ^{2/}	MANUFACTURING			Public utilities*	Whole-sale trade	Retail trade	Services
		All	Durable goods	Non-durable goods							All	Durable goods	Non-durable goods				
All establishments	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 35 hours	0.1	-	-	-	-	-	0.2	0.1	0.3	-	-	-	-	-	-	-	-
35 hours .....	.3	-	-	-	0.5	-	-	1.0	-	0.4	0.7	-	1.5	-	-	-	-
Over 35 and under 37½ hours .....	.4	-	-	-	-	2.8	-	.1	-	-	-	-	-	-	-	-	-
37½ hours	11.0	5.6	1.2	8.9	-	1.4	2.8	30.4	14.2	3.0	5.5	2.6	9.1	-	-	-	-
Over 37½ and under 40 hours	6.7	12.5	18.7	8.0	-	-	-	11.3	1.3	-	-	-	-	-	-	-	-
40 hours	77.0	79.5	76.9	81.3	99.5	91.3	83.9	57.0	69.9	72.1	78.1	74.6	82.1	64.1	91.0	59.1	65.4
Over 40 and under 44 hours	2.7	.1	.3	-	-	4.5	10.4	-	5.4	7.9	1.6	3.0	-	8.9	4.3	26.5	4.3
44 hours	1.1	1.3	.6	1.8	-	-	2.7	.1	4.0	3.7	-	-	-	13.3	-	7.7	2.3
Over 44 and under 48 hours .....	.5	1.0	2.3	-	-	-	-	-	2.2	4.8	5.1	7.3	2.4	7.6	2.0	-	17.7
48 hours .....	.2	-	-	-	-	-	-	-	2.7	3.4	2.0	-	4.5	-	1.7	6.7	7.4
49½ hours	-	-	-	-	-	-	-	-	-	1.4	2.6	4.7	-	-	-	-	-
50 hours	-	-	-	-	-	-	-	-	-	2.2	2.7	4.7	.4	6.1	1.0	-	-
Over 50 hours	-	-	-	-	-	-	-	-	-	1.1	1.7	3.1	-	-	-	-	2.9

1/ Data relate to women workers.

2/ Includes data for industries other than those shown separately.

* Transportation (excluding railroads), communication, and other public utilities.

** Finance, insurance, and real estate.

Table E-3: *Paid Holidays*

Number of paid holidays	PERCENT OF OFFICE WORKERS EMPLOYED IN—									PERCENT OF PLANT WORKERS EMPLOYED IN—							
	All industries	MANUFACTURING			Public utilities*	Whole-sale trade	Retail trade	Finance**	Services	All industries ^{1/}	MANUFACTURING			Public utilities*	Whole-sale trade	Retail trade	Services
		All	Durable goods	Non-durable goods							All	Durable goods	Non-durable goods				
All establishments	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Establishments providing paid holidays	98.2	98.6	97.3	100.0	100.0	98.0	99.8	96.4	97.7	95.5	97.2	100.0	93.8	98.0	98.2	93.4	79.7
1½ days	(2/)	-	-	-	-	-	-	-	-	.7	-	-	-	-	-	3.5	-
3 days	-	-	-	-	-	-	.2	-	-	-	-	-	-	-	-	-	-
4 days	-	-	-	-	-	-	-	-	-	1.9	-	-	-	15.8	-	-	2.8
5 days .....	.7	.9	1.8	-	-	1.1	-	.2	1.5	1.8	2.6	4.7	-	-	1.8	-	4.3
6 days	62.0	75.7	91.5	58.2	63.6	66.3	92.7	18.4	72.0	77.7	79.6	92.4	64.2	61.7	83.2	81.1	70.9
6½ days	5.6	1.4	-	2.8	-	-	2.2	20.8	1.7	1.5	2.6	-	5.7	-	-	-	-
7 days	10.1	8.6	4.0	13.7	36.4	13.0	4.7	6.2	3.3	11.0	11.4	2.9	21.6	20.5	11.2	8.8	.1
7½ days	1.1	3.0	-	6.4	-	-	-	-	-	-	-	-	-	-	-	-	-
8 days	1.8	1.8	-	3.7	-	-	-	.1	19.2	.6	1.0	-	2.3	-	-	-	1.6
8½ days	1.5	2.1	-	4.4	-	-	-	3.5	-	(2/)	(2/)	-	(2/)	-	-	-	-
9 days	3.9	5.1	-	10.8	-	-	-	9.2	-	-	-	-	-	-	-	-	-
9½ days .....	.3	-	-	-	-	-	-	1.1	-	-	-	-	-	-	-	-	-
10 days	1.8	-	-	-	-	10.6	-	.4	-	-	-	-	-	-	-	-	-
11 days	9.4	-	-	-	-	7.0	-	36.5	-	.3	-	-	-	-	2.0	-	-
Establishments providing no paid holidays	1.8	1.4	2.7	-	-	2.0	.2	3.6	2.3	4.5	2.8	-	6.2	2.0	1.8	6.6	20.3

1/ Includes data for industries other than those shown separately.

2/ Less than .05 of 1 percent.

* Transportation (excluding railroads), communication, and other public utilities.

** Finance, insurance, and real estate.

Occupational Wage Survey, Minneapolis-St. Paul, Minn., November 1951
U.S. DEPARTMENT OF LABOR
Bureau of Labor Statistics

Table E-4: *Paid Vacations (Formal Provisions)*

Vacation policy	PERCENT OF OFFICE WORKERS EMPLOYED IN—									PERCENT OF PLANT WORKERS EMPLOYED IN—							
	All industries	MANUFACTURING			Public utilities*	Wholesale trade	Retail trade	Finance**	Services	All industries 1/	MANUFACTURING			Public utilities*	Wholesale trade	Retail trade	Services
		All	Durable goods	Non-durable goods							All	Durable goods	Non-durable goods				
All establishments	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<u>1 year of service</u>																	
Establishments with paid vacations	99.0	99.2	100.0	98.2	100.0	100.0	99.2	99.9	91.6	97.6	97.7	99.1	95.9	99.5	100.0	96.5	95.6
Under 1 week	(2/)	(2/)	-	.1	-	-	-	-	-	.3	.6	.7	.4	-	-	-	-
1 week	36.3	29.5	20.9	39.0	69.5	44.8	75.0	7.9	39.3	77.6	86.1	86.9	85.3	65.8	72.0	66.4	81.2
Over 1 and under 2 weeks	1.5	2.0	3.5	.3	-	4.7	-	-	1.0	1.7	2.1	2.8	1.2	-	4.9	-	2.0
2 weeks	60.6	67.7	75.6	58.8	30.5	48.8	24.2	90.9	49.8	17.5	8.9	8.7	9.0	33.7	21.8	30.1	6.7
Over 2 and under 3 weeks .....	.6	-	-	-	-	1.7	-	1.1	1.5	.4	-	-	-	-	1.3	-	4.3
3 weeks	-	-	-	-	-	-	-	-	-	.1	-	-	-	-	-	-	1.4
Establishments with no paid vacations ..	.8	.8	-	1.8	-	-	.8	.1	5.8	2.4	2.3	.9	4.1	.5	-	3.5	4.4
Information not available .....	.2	-	-	-	-	-	-	-	2.6	-	-	-	-	-	-	-	-
<u>2 years of service</u>																	
Establishments with paid vacations	99.3	100.0	100.0	100.0	100.0	100.0	99.2	99.9	91.9	98.7	99.5	99.1	100.0	99.5	100.0	96.5	97.7
Under 1 week	-	-	-	-	-	-	-	-	-	.2	.4	.7	-	-	-	-	-
1 week	12.9	15.5	17.7	13.2	14.9	10.5	21.0	4.4	17.3	52.7	63.5	73.1	52.1	33.5	42.4	34.8	73.4
Over 1 and under 2 weeks	1.2	3.1	4.1	2.0	.6	-	-	-	1.0	5.9	9.0	13.1	3.9	1.6	-	3.2	2.0
2 weeks	83.6	81.4	78.2	84.8	84.5	83.1	78.2	94.4	68.9	37.4	24.0	12.2	38.3	64.4	51.4	58.5	12.2
Over 2 and under 3 weeks	1.4	-	-	-	-	6.4	-	1.1	1.5	2.1	2.6	-	5.7	-	6.2	-	4.3
3 weeks .....	.2	-	-	-	-	-	-	-	3.2	.4	-	-	-	-	-	-	5.8
Establishments with no paid vacations ..	.5	-	-	-	-	-	.8	.1	5.5	1.3	.5	.9	-	.5	-	3.5	2.3
Information not available .....	.2	-	-	-	-	-	-	-	2.6	-	-	-	-	-	-	-	-
<u>5 years of service</u>																	
Establishments with paid vacations	99.3	100.0	100.0	100.0	100.0	100.0	99.2	99.9	91.9	98.7	99.5	99.1	100.0	99.5	100.0	96.5	97.7
1 week	3.0	3.4	2.7	4.1	4.7	1.6	1.4	4.4	.7	6.2	6.1	3.2	9.6	6.4	8.6	6.0	5.2
Over 1 and under 2 weeks .....	.3	.8	-	1.6	-	-	-	-	.8	.8	.7	-	1.5	-	-	-	5.4
2 weeks	89.5	92.7	97.3	87.9	95.3	85.0	95.8	89.0	65.7	87.0	89.0	95.2	81.6	93.1	85.2	86.2	65.0
Over 2 and under 3 weeks	2.7	.2	-	.3	-	6.4	-	6.1	2.7	1.4	.7	-	.7	-	6.2	-	9.7
3 weeks	3.8	2.9	-	6.1	-	7.0	2.0	.4	22.0	3.3	3.0	-	6.6	-	-	4.3	12.4
Establishments with no paid vacations ..	.5	-	-	-	-	-	.8	.1	5.5	1.3	.5	.9	-	.5	-	3.5	2.3
Information not available .....	.2	-	-	-	-	-	-	-	2.6	-	-	-	-	-	-	-	-
<u>15 years of service</u>																	
Establishments with paid vacations	99.3	100.0	100.0	100.0	100.0	100.0	99.2	99.9	91.9	98.7	99.5	99.1	100.0	99.5	100.0	96.5	97.7
1 week	2.0	3.4	2.7	4.1	4.7	1.6	1.4	(2/)	.7	5.9	6.1	3.2	9.6	6.4	5.1	6.0	5.2
2 weeks	37.8	37.3	34.9	39.8	18.3	63.9	34.0	21.2	65.1	44.8	39.1	42.0	35.6	24.5	66.4	54.8	70.4
Over 2 and under 3 weeks	2.3	-	-	-	-	6.4	-	4.7	2.7	1.0	-	-	-	-	6.2	-	9.7
3 weeks	56.8	58.5	60.8	56.1	77.0	28.1	63.8	74.0	22.0	46.9	54.3	53.9	54.8	68.6	22.3	35.7	12.4
Over 3 weeks .....	.4	.8	1.6	-	-	-	-	-	1.4	.1	-	-	-	-	-	-	-
Establishments with no paid vacations ..	.5	-	-	-	-	-	.8	.1	5.5	1.3	.5	.9	-	.5	-	3.5	2.3
Information not available .....	.2	-	-	-	-	-	-	-	2.6	-	-	-	-	-	-	-	-

1/ Includes data for industries other than those shown separately.

2/ Less than .05 of 1 percent.

* Transportation (excluding railroads), communication, and other public utilities.

** Finance, insurance, and real estate.

Occupational Wage Survey, Minneapolis-St. Paul, Minn., November 1951
U.S. DEPARTMENT OF LABOR
Bureau of Labor Statistics

Table E-5: *Paid Sick Leave (Formal Provisions)*

Provisions for paid sick leave	PERCENT OF OFFICE WORKERS EMPLOYED IN—									PERCENT OF PLANT WORKERS EMPLOYED IN—							
	All industries	MANUFACTURING			Public utilities*	Wholesale trade	Retail trade	Finance**	Services	All industries 1/	MANUFACTURING			Public utilities*	Wholesale trade	Retail trade	Services
		All	Durable goods	Non-durable goods							All	Durable goods	Non-durable goods				
All establishments	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<u>1 year of service</u>																	
Establishments with formal provisions for paid sick leave	35.1	38.0	42.9	32.6	56.7	30.3	35.2	33.6	10.2	16.9	8.5	9.0	7.9	28.2	20.2	31.7	19.5
3 days .....	.1	-	-	-	-	-	.8	-	-	1.0	-	-	-	-	-	4.7	-
4 days	(2/)	.1	-	.2	-	-	-	-	-	2.0	3.7	6.6	-	-	-	-	-
5 days	4.6	3.5	3.2	4.0	11.0	1.2	15.6	2.0	-	1.7	.9	1.7	-	5.1	.9	2.7	-
6 days	6.2	8.1	9.5	6.6	2.1	4.8	11.4	3.8	2.7	5.6	1.4	-	3.2	-	9.2	17.5	10.3
7 to 9 days .....	.5	.6	1.2	-	2.5	.8	-	-	-	.3	.4	.7	-	-	1.3	-	-
10 days	14.4	17.3	25.6	7.8	38.1	12.0	7.1	10.6	1.4	3.7	-	-	-	23.1	6.5	3.5	.5
12 days	5.8	6.2	1.8	11.1	-	8.1	.3	9.2	2.9	1.1	(2/)	-	(2/)	-	1.5	3.3	4.3
15 days	1.0	-	-	-	-	-	-	4.4	-	(2/)	-	-	-	-	-	-	-
20 days	1.0	1.4	-	2.9	-	3.4	-	-	-	.1	-	-	-	-	.8	-	-
21 days .....	.3	.8	1.6	-	-	-	-	-	-	1.1	2.1	-	4.7	-	-	-	-
30 days	1.2	-	-	-	3.0	-	-	3.6	3.2	.3	-	-	-	-	-	-	4.4
Establishments with no formal provisions for paid sick leave	64.9	62.0	57.1	67.4	43.3	69.7	64.8	66.4	89.8	83.1	91.5	91.0	92.1	71.8	79.8	68.3	80.5
<u>2 years of service</u>																	
Establishments with formal provisions for paid sick leave	35.9	38.0	42.9	32.6	56.7	34.9	35.2	33.6	10.2	17.2	8.5	9.0	7.9	28.2	25.1	31.7	19.5
4 days .....	.1	.1	-	.2	-	-	.2	-	-	2.5	3.7	6.6	-	-	-	2.7	-
5 days	1.3	.9	1.2	.5	3.9	1.2	3.8	-	-	1.3	.9	1.7	-	2.6	.9	2.2	-
6 days	6.6	8.1	9.5	6.6	2.1	4.8	10.5	5.8	2.7	5.4	1.4	-	3.2	-	7.9	16.7	10.3
7 to 9 days .....	.5	.6	1.2	-	2.5	.8	-	-	-	.3	.4	.7	-	-	1.3	-	-
10 days	13.0	6.8	2.7	11.3	45.2	14.6	18.9	10.6	1.4	4.4	-	-	-	25.6	10.3	4.0	.5
12 days	6.0	6.2	1.8	11.1	-	8.1	1.8	9.2	2.9	1.6	(2/)	-	(2/)	-	1.5	6.1	4.3
13 days	-	-	-	-	-	-	-	-	-	.1	-	-	-	-	1.4	-	-
15 days	5.9	13.1	24.9	-	-	2.0	-	4.4	-	.1	-	-	-	-	1.0	-	-
20 days	1.0	1.4	-	2.9	-	3.4	-	-	-	.1	-	-	-	-	.8	-	-
21 days .....	.3	.8	1.6	-	-	-	-	-	-	1.1	2.1	-	4.7	-	-	-	-
30 days .....	.4	-	-	-	3.0	-	-	-	3.2	.3	-	-	-	-	-	-	4.4
40 days .....	.8	-	-	-	-	-	-	3.6	-	-	-	-	-	-	-	-	-
Establishments with no formal provisions for paid sick leave	64.1	62.0	57.1	67.4	43.3	65.1	64.8	66.4	89.8	82.8	91.5	91.0	92.1	71.8	74.9	68.3	80.5

See footnotes at end of table.

* Transportation (excluding railroads), communication, and other public utilities.

** Finance, insurance, and real estate.

Occupational Wage Survey, Minneapolis-St. Paul, Minn., November 1951
U.S. DEPARTMENT OF LABOR
Bureau of Labor Statistics

Table E-5: *Paid Sick Leave (Formal Provisions) - Continued*

Provisions for paid sick leave	PERCENT OF OFFICE WORKERS EMPLOYED IN—									PERCENT OF PLANT WORKERS EMPLOYED IN—							
	All industries	MANUFACTURING			Public utilities*	Wholesale trade	Retail trade	Finance**	Services	All industries 1/	MANUFACTURING			Public utilities*	Wholesale trade	Retail trade	Services
		All	Durable goods	Non-durable goods							All	Durable goods	Non-durable goods				
All establishments	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<u>5 years of service</u>																	
Establishments with formal provisions for paid sick leave	35.9	38.0	42.9	32.6	56.7	34.9	35.2	33.6	10.2	20.7	14.9	9.0	22.2	28.2	25.1	31.7	19.5
4 or 5 days .....	.9	1.0	1.2	.8	3.9	1.2	.5	-	-	1.3	.9	1.7	-	2.6	.9	2.2	-
6 days	5.9	8.1	9.5	6.6	-	4.8	10.0	3.8	2.7	5.0	1.4	-	3.2	-	7.9	14.7	10.3
7 to 9 days .....	.7	.6	1.2	-	4.6	.8	.2	-	-	.9	.4	.7	-	-	1.3	2.7	-
10 days	13.1	5.7	.7	11.2	45.2	14.6	18.9	12.6	1.4	9.9	10.1	6.6	14.3	25.6	10.3	4.0	.5
12 days	6.0	6.2	1.8	11.1	-	8.1	2.3	9.2	2.9	2.0	(2/)	-	(2/)	-	1.5	8.1	4.3
13 days	-	-	-	-	-	-	-	-	-	.1	-	-	-	-	1.4	-	-
15 days	1.8	1.0	1.9	-	-	-	3.3	4.4	-	(2/)	-	-	-	-	-	-	-
20 days .....	.8	1.6	.5	2.9	-	1.4	-	-	-	-	-	-	-	-	-	-	-
21 days .....	.3	.8	1.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30 days	5.3	13.0	24.5	-	3.0	2.0	-	-	3.2	.3	-	-	-	-	1.0	-	4.4
40 days and over	1.1	-	-	-	-	2.0	-	3.6	-	1.2	2.1	-	4.7	-	.8	-	-
Establishments with no formal provisions for paid sick leave	64.1	62.0	57.1	67.4	43.3	65.1	64.8	66.4	89.8	79.3	85.1	91.0	77.8	71.8	74.9	68.3	80.5
<u>15 years of service</u>																	
Establishments with formal provisions for paid sick leave	35.9	38.0	42.9	32.6	56.7	34.9	35.2	33.6	10.2	20.7	14.9	9.0	22.2	28.2	25.1	31.7	19.5
4 days	(2/)	.1	-	.2	-	-	-	-	-	-	-	-	-	-	-	-	-
5 days .....	.9	.9	1.2	.5	3.9	1.2	.5	-	-	1.3	.9	1.7	-	2.6	.9	2.2	-
6 days	5.9	8.1	9.5	6.6	-	4.8	10.0	3.8	2.7	5.0	1.4	-	3.2	-	7.9	14.7	10.3
7 to 9 days .....	.6	.6	1.2	-	4.6	.8	-	-	-	.3	.4	.7	-	-	1.3	-	-
10 days	12.3	5.7	.7	11.3	45.2	9.9	18.9	12.6	1.4	7.6	6.5	-	14.3	25.6	5.5	4.0	.5
12 days	6.1	6.2	1.8	11.1	-	8.1	2.5	9.2	2.9	2.6	(2/)	-	(2/)	-	1.5	10.8	4.3
13 days	-	-	-	-	-	-	-	-	-	.1	-	-	-	-	1.4	-	-
15 days	1.0	-	-	-	-	-	-	4.4	-	(2/)	-	-	-	-	-	-	-
20 days	1.1	2.4	1.9	2.9	-	1.4	-	-	-	2.0	3.6	6.6	-	-	-	-	-
21 or 25 days .....	.7	.8	1.6	-	-	-	3.3	-	-	-	-	-	-	-	-	-	-
30 days	1.2	-	-	-	3.0	4.7	-	-	3.2	.6	-	-	-	-	4.9	-	4.4
40 days	3.1	8.9	16.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42 days and over	3.0	4.3	8.3	-	-	4.0	-	3.6	-	1.2	2.1	-	4.7	-	1.7	-	-
Establishments with no formal provisions for paid sick leave	64.1	62.0	57.1	67.4	43.3	65.1	64.8	66.4	89.8	79.3	85.1	91.0	77.8	71.8	74.9	68.3	80.5

1/ Includes data for industries other than those shown separately.

2/ Less than .05 of 1 percent.

* Transportation (excluding railroads), communication, and other public utilities.

** Finance, insurance, and real estate.

Table E-6: *Nonproduction Bonuses*

Type of bonus	PERCENT OF OFFICE WORKERS EMPLOYED IN—									PERCENT OF PLANT WORKERS EMPLOYED IN—							
	All industries	MANUFACTURING			Public utilities*	Whole-sale trade	Retail trade	Finance**	Services	All industries 1/	MANUFACTURING			Public utilities*	Whole-sale trade	Retail trade	Services
		All	Durable goods	Non-durable goods							All	Durable goods	Non-durable goods				
All establishments	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Establishments with nonproduction bonuses 2/	41.9	32.7	26.7	39.4	2.5	30.6	49.7	70.8	49.9	27.7	22.1	20.3	24.2	1.6	37.5	52.2	20.5
Christmas or year-end	34.7	23.7	9.4	39.4	2.5	29.6	47.9	59.7	31.9	24.1	17.6	13.7	22.3	1.6	33.4	48.3	20.5
Profit-sharing	5.7	9.9	18.8	.1	—	5.4	1.8	—	18.1	4.1	5.5	9.7	.4	—	4.3	3.9	—
Other	3.4	—	—	—	.6	—	—	14.9	—	.7	.8	—	1.9	1.6	—	—	—
Establishments with no nonproduction bonuses	58.1	67.3	73.3	60.6	97.5	69.4	50.3	29.2	50.1	72.3	77.9	79.7	75.8	98.4	62.5	47.8	79.5

1/ Includes data for industries other than those shown separately.

2/ Unduplicated total.

* Transportation (excluding railroads), communication, and other public utilities.

** Finance, insurance, and real estate.

Table E-7: *Insurance and Pension Plans*

Type of plan	PERCENT OF OFFICE WORKERS EMPLOYED IN—									PERCENT OF PLANT WORKERS EMPLOYED IN—							
	All industries	MANUFACTURING			Public utilities*	Whole-sale trade	Retail trade	Finance**	Services	All industries 1/	MANUFACTURING			Public utilities*	Whole-sale trade	Retail trade	Services
		All	Durable goods	Non-durable goods							All	Durable goods	Non-durable goods				
All establishments	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Establishments with insurance or pension plans 2/	86.6	86.6	90.2	82.5	99.9	80.9	89.2	95.2	48.8	80.3	80.9	87.3	73.1	99.5	72.3	78.4	59.7
Life insurance	80.8	82.8	86.8	78.3	99.9	70.1	77.0	92.4	39.6	71.9	73.8	81.7	64.1	99.5	61.0	65.1	50.8
Health insurance	65.4	76.0	86.7	64.3	56.5	54.0	61.8	74.1	21.1	64.0	71.9	82.2	59.4	65.1	42.8	55.1	46.9
Hospitalization	64.1	75.6	84.0	66.3	16.0	58.7	67.2	76.9	16.9	58.8	69.1	78.4	57.7	47.2	48.5	48.1	35.6
Retirement pension	50.4	52.3	63.2	40.3	74.0	35.0	39.5	69.7	1.9	34.7	34.7	35.8	33.4	52.8	36.5	35.6	1.3
Establishments with no insurance or pension plans	13.4	13.4	9.8	17.5	.1	19.1	10.8	4.8	51.2	19.7	19.1	12.7	26.9	.5	27.7	21.6	40.3

1/ Includes data for industries other than those shown separately.

2/ Unduplicated total.

* Transportation (excluding railroads), communication, and other public utilities.

** Finance, insurance, and real estate.

Occupational Wage Survey, Minneapolis-St. Paul, Minn., November 1951
U.S. DEPARTMENT OF LABOR
Bureau of Labor Statistics

Appendix – Scope and Method of Survey

With the exception of the union scale of rates, information presented in this bulletin was collected by visits of field representatives of the Bureau to representative establishments in the area surveyed. In classifying workers by occupation, uniform job descriptions were used; these are available upon request.

Six broad industry divisions were covered in compiling earnings data for the following types of occupations: (a) office clerical, (b) professional and technical, (c) maintenance and power plant, and (d) custodial, warehousing, and shipping (tables A-1 through A-4). The covered industry groupings are: manufacturing; transportation (except railroads), communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and services. Information on work schedules and supplementary benefits also was obtained in a representative group of establishments in each of these industry divisions. As indicated in the following table only establishments above a certain size were studied. Smaller establishments were omitted because they furnished insufficient employment in the occupations studied to warrant their inclusion.

Among the industries in which characteristic jobs were studied, minimum size of establishment and extent of the area covered were determined separately for each industry (see following table). Although size limits frequently varied from those established for surveying cross-industry office and plant jobs, data for these jobs were included only for firms meeting the size requirements of the broad industry divisions.

A greater proportion of large than of small establishments was studied in order to maximize the number of workers surveyed with available resources. Each group of establishments

of a certain size, however, was given its proper weight in the combination of data by industry and occupation.

The earnings information excludes premium pay for overtime and night work. Nonproduction bonuses are also excluded, but cost-of-living bonuses and incentive earnings, including commissions for salespersons, are included. Where weekly hours are reported as for office clerical, they refer to the work schedules (rounded to the nearest half-hour) for which the straight-time salaries are paid; average weekly earnings for these occupations have been rounded to the nearest 50 cents. The number of workers presented refers to the estimated total employment in all establishments within the scope of the study and not to the number actually surveyed. Data are shown for only full-time workers, i.e., those hired to work the establishment's full-time schedule for the given occupational classification.

Information on wage practices refers to all office and plant workers as specified in the individual tables. It is presented in terms of the proportion of all workers employed in offices (or plant departments) that observe the practice in question, except in the section relating to women office workers of the table summarizing scheduled weekly hours. Because of eligibility requirements, the proportion actually receiving the specific benefits may be smaller. The summary of vacation and sick leave plans is limited to formal arrangements. It excludes informal plans whereby time off with pay is granted at the discretion of the employer or other supervisor. Sick leave plans are further limited to those providing full pay for at least some amount of time off without any provision for a waiting period preceding the payment of benefits. These plans also exclude health insurance even though it is paid for by employers. Health insurance is included, however, under tabulation for insurance and pension plans.

ESTABLISHMENTS AND WORKERS IN MAJOR INDUSTRY DIVISIONS AND IN SELECTED INDUSTRIES IN MINNEAPOLIS-ST. PAUL, 1/,
AND NUMBER STUDIED BY THE BUREAU OF LABOR STATISTICS, NOVEMBER 1951

Item	Minimum number of workers in establishments studied 2/	Number of establishments		Employment		
		Estimated total within scope of study	Studied	Estimated total within scope of study	In establishments studied	
					Total	Office
<u>Industry divisions in which occupations were surveyed on an area basis</u>						
All divisions	-	1,396	316	229,000	136,220	33,040
Manufacturing	51	401	105	108,200	66,350	12,390
Durable goods 3/.....	51	191	52	58,300	40,060	7,190
Nondurable goods 4/.....	51	210	53	49,900	26,290	5,200
Nonmanufacturing	-	995	211	120,800	69,870	20,650
Transportation (excluding railroads), communication, and other public utilities	51	65	23	22,300	17,680	3,290
Wholesale trade	21	322	50	24,400	9,610	3,530
Retail trade	51	221	44	43,600	25,960	5,050
Finance, insurance, and real estate	21	174	46	16,600	9,770	7,400
Services 5/.....	21	213	48	13,900	6,850	1,380
<u>Industries in which occupations were surveyed on an industry basis 6/</u>						
Grain milling	21	8	8	2,681	2,681	637
Millwork	21	14	11	956	882	117
Foundries, nonferrous	8	11	11	479	479	-
Sheet-metal work	21	12	10	970	899	121
Stamped and pressed metal products	21	8	7	1,106	1,051	144
Machinery industries	7/ 21	132	33	23,000	14,884	2,132
Railroads	51	14	12	20,125	19,429	-
Milk dealers	21	17	9	2,238	1,679	121
Insurance carriers	21	52	17	6,447	4,053	3,480

1/ Minneapolis-St. Paul Metropolitan Area (Anoka, Dakota, Hennepin, and Ramsey Counties).

2/ Total establishment employment.

3/ Metalworking; lumber, furniture, and other wood products; stone, clay, and glass products; instruments and related products; and miscellaneous manufacturing.

4/ Food and kindred products; tobacco; textiles; apparel and other finished textile products; paper and paper products; printing and publishing; chemicals; products of petroleum and coal; rubber products; and leather and leather products.

5/ Hotels; personal services; business services; automobile repair shops; radio broadcasting and television; motion pictures; nonprofit membership organizations; and engineering and architectural services.

6/ Industries are defined in footnotes to wage tables.

7/ Establishments manufacturing machine-tool accessories with 8 or more workers were included.

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Bookkeeping-machine operator	4, 5	Helper, motortruck driver	23
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Bottler (malt liquors)	22	Helper, trades, maintenance (railroads)	19
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Carpenter, maintenance	10	Janitor (sheet-metal work)	17
Carpenter, maintenance (railroads)	19	Key-punch operator	7
Chipper and grinder (nonferrous foundries)	17	Key-punch operator (insurance carriers)	20
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Cleaner (railroads)	19	Laborer (building construction)	21
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Clerk, accounting (insurance carriers)	20	Machine tender (printing)	22
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Clerk, file	3, 5, 6	Machine-tool operator, tool room (machinery)	18
Clerk, file (insurance carriers)	20	Machinist, maintenance	11
Clerk, general	3, 6	Machinist, maintenance (railroads)	19
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Crane operator, electric bridge (railroads)	19	Mechanic, maintenance	11
Die setter (stamped and pressed metal products)	17	Mechanic, maintenance (railroads)	19
Draftsman	9	Mechanic, maintenance (stamped and pressed metal products)	17
Drill-press operator (machinery)	18	Miller, flour (grain milling)	16
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Electrician, maintenance	10	Mixer (bakeries)	21
Electrician, maintenance (machinery)	18	Molder (bakeries)	21
Electrician, maintenance (railroads)	19	Molder (nonferrous foundries)	17
Electrotypewriter (printing)	22	Molder operator (millwork)	16
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Packer (grain milling)	16	Stock handler (millwork)	16
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Painter, maintenance	12	Stock handler (sheet-metal work)	17
Painter, maintenance (railroads)	19	Sweeper (grain milling)	16
Pasteurizer (milk dealers)	19	Switchboard operator	8
Photoengraver (printing)	22	Switchboard operator-receptionist	8
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Pipe fitter, maintenance (railroads)	19	Tabulating-machine operator (insurance carriers)	20
Planer operator (millwork)	16	Tool-and-die maker	12
Plasterer (building construction)	21	Tool-and-die maker (machinery)	18
Plumber (building construction)	21	Tool-and-die maker (stamped and pressed metal products)	17
Plumber, maintenance	12	Tracer	9
Porter	13	Transcribing-machine operator	8
Porter (sheet-metal work)	17	Truck driver	15
Power-brake operator (sheet-metal work)	17	Truck driver (millwork)	16
Power-shear operator (sheet-metal work)	17	Truck driver (railroads)	19
Power-shear operator (stamped and pressed metal products)	17	Trucker, hand	14
Premium acceptor (insurance carriers)	20	Trucker, hand (grain milling)	16
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Press feeder (printing)	22	Trucker, hand (railroads)	19
Pressman (printing)	22	Trucker, hand (sheet-metal work)	17
Punch-press operator (sheet-metal work)	17	Trucker, power	15
Punch-press operator (stamped and pressed metal products)	17	Trucker, power (railroads)	19
Receiving clerk	14	Turret-lathe operator, hand (machinery)	18
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Sand mixer (nonferrous foundries)	17	Underwriter (insurance carriers)	20
Sanitary man (milk dealers)	19	Washer, bottle, machine (milk dealers)	19
Saw operator (millwork)	16	Washer, can, machine (milk dealers)	19
Screw-machine operator, automatic (machinery)	18	Watchman	15
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This report was prepared in the Bureau's North Central Regional Office. Communications may be addressed to:

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The services of the Bureau of Labor Statistics' regional offices are available for consultation on statistics relating to wages and industrial relations, employment, prices, labor turn-over, productivity, work injuries, construction and housing.

The North Central Region includes the following States:

Illinois	Missouri
Indiana	Montana
Iowa	Nebraska
Kansas	North Dakota
Kentucky	Ohio
Michigan	South Dakota
Minnesota	Wisconsin

